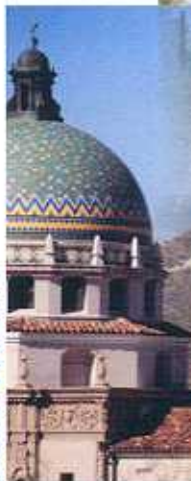


# Tucson, Arizona

## TRANSPORTATION



## DOWNTOWN



## GROWTH



## GOOD

## GOVERNMENT

## ECONOMIC DEVELOPMENT



## NEIGHBORHOODS

Approved Five-Year Capital Improvement Program  
Fiscal Years 2004 through 2008



# Tucson, Arizona

## Approved Five-Year Capital Improvement Program

Fiscal Years 2004 through 2008

*Presented July 1, 2003*

### CITY COUNCIL



HONORABLE  
ROBERT E. WALKUP  
MAYOR



JOSÉ J. IBARRA  
WARD 1



CAROL W. WEST  
WARD 2



KATHLEEN DUNBAR  
WARD 3



SHIRLEY C. SCOTT  
WARD 4



STEVE LEAL  
WARD 5



FRED RONSTADT  
WARD 6

### CITY ADMINISTRATION



JAMES KEENE  
CITY MANAGER

MIKE LETCHER  
Deputy City Manager

LIZ RODRIGUEZ MILLER  
Assistant City Manager

BENNY YOUNG  
Assistant City Manager

TODD SANDER  
Chief Information Officer

KAREN THORESON  
Assistant City Manager



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# Reader's Guide to the Capital Improvement Program

The Fiscal Year 2004 through 2008 Capital Improvement Program (CIP) document includes an overview and individual department programs.

## Overview

As the name suggests, the section provides a citywide overview of the CIP. It includes summaries by expenditure and by funding source, as well as brief explanations of both. The narrative is followed by three tables: Summary by Department, Summary by Funding Source, and Operating Cost Impact Summary.

## Department Programs

Each department program contains the following:

- Brief department statement
- Impact of the department's CIP on future operating budgets (if applicable)
- Map (if applicable)
- Summaries by project and funding source
- CIP project pages

## Finding a CIP Project

Projects can be located by finding the responsible department in the Table of Contents. Individual projects within each department's program are listed in alphabetical order by project name.

## Reading CIP Project Pages

The CIP project pages, located in the department programs, are presented in alphabetical order by project name. The project pages provide the following information:

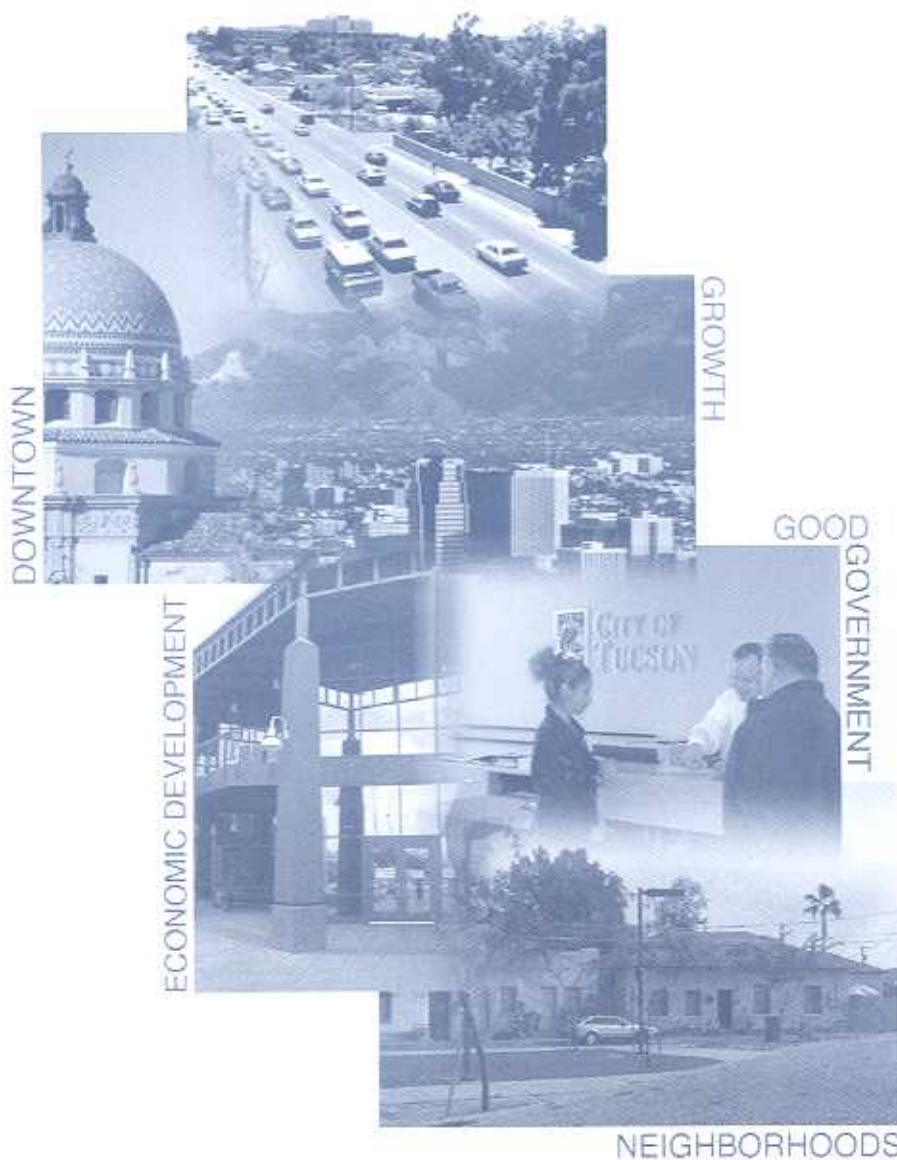
- Description - Brief explanation of the project scope.
- Justification - Brief explanation of why the project is being done.
- Project ID - Unique number identifying a project in the city's budget and financial systems.
- Start Date/End Date - Month and year of a project's start and completion date. Projects that continue from year-to-year are shown as "Annual."
- Location - Name of the ward in which the project is located. If a project is located in more than one ward, or outside the city, it is so noted. "To be determined" is used if the location for the project has not been finalized.  
  
If a project is located within the Rio Nuevo Multipurpose Facilities District, it is noted as follows: (within Rio Nuevo District).
- Source of Funds - Table listing the funding source and the schedule for project expenditures. **Unfunded amounts are highlighted with a gray bar.**



# Section A

## *Overview*

TRANSPORTATION



## OVERVIEW OF FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

The five-year capital improvement program (CIP) focuses on renovating existing infrastructure and constructing new infrastructure to meet the community's needs. Funded projects as well as selected priority unfunded projects are presented in this five-year program. Because of the fiscal constraints facing the city in the next five years, city staff will be reconsidering and revising the CIP for Fiscal Years 2005 through 2008.

This overview contains the following information:

- Summary of Expenditures and Funding Sources
- Department Program Highlights
- Impact on the Operating Budget
- Outlook for Future Capital Budgets
- Summary Tables

---

### SUMMARY OF EXPENDITURES AND FUNDING

In October 2002, departments were asked to submit requests for capital projects based on need assessments and information from community groups and the governing body. These requests were reviewed by the Department of Budget and Research and by the City Manager's executive team. The fact that needs and interests far outpaced available funding was immediately evident.

#### Expenditures

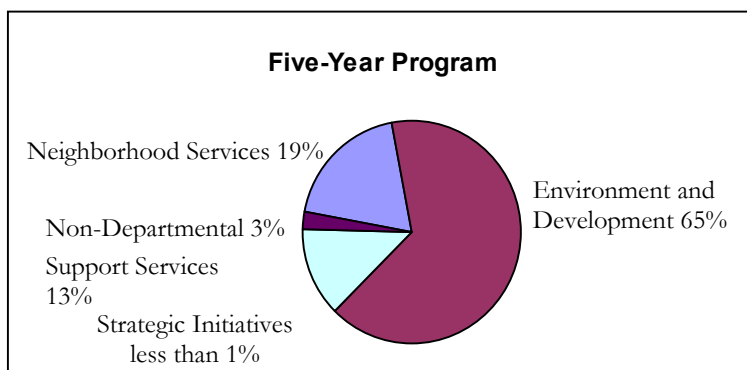
This approved five-year CIP of \$1 billion is \$159.1 million less than last year's approved five-year CIP.

Five-Year CIP Summary of Expenditures		
(in \$000)	Adopted Year 1 FY 2004	Projected Five-Year Program
Neighborhood Services	\$ 62,340	\$ 198,883
Environment and Development	175,859	661,434
Strategic Initiatives	-0-	1,366
Support Services	5,928	131,492
Non-Departmental	18,700	26,297
<b>Total</b>	<b>\$ 262,827</b>	<b>\$ 1,017,472</b>

The decrease is primarily due to the deletion or rescheduling of unfunded projects totaling \$154.1 million. The remaining \$5 million decrease is the net result of projects being completed, project rescheduling and cost changes, and the transfer of project expenditures to the operating budget for accounting purposes.

Eighty-four percent of projects in the five-year CIP provide direct and basic service to the public in the Environment and Development (65%) and Neighborhood Services (19%) categories.

For a summary of expenditures by department and fiscal year, see Table I on page A-8.



To provide a more complete picture of the city's capital investment needs, both funded and selected priority unfunded projects are included in the CIP: 55% of the five-year CIP is funded, 45% is unfunded. There are many more unfunded needs not included.

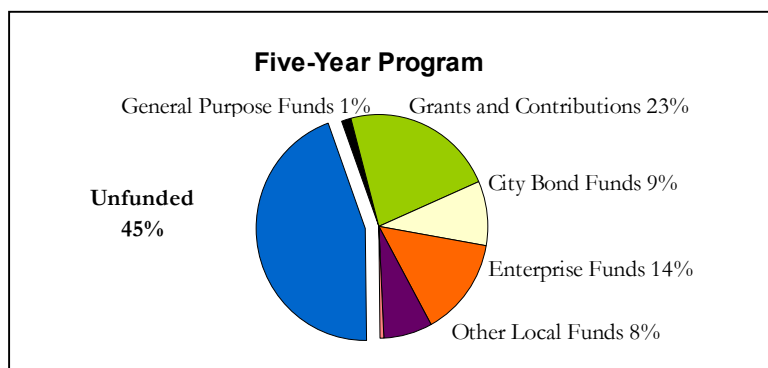
**Funded Program.** The five-year funded program of \$561.7 million provides for many projects that will improve the community's quality of life, including near-term environmental mandates, additional fire stations, new libraries, parks and roadway, and improvements to ensure water quality.

<b>Five-Year CIP Summary of Funding Sources</b>		
(in \$000)	<b>Adopted Year 1 FY 2004</b>	<b>Projected Five-Year Program</b>
General Purpose Funds	\$ 7,731	\$ 13,518
Grants and Contributions	94,983	231,083
City Bond Funds	70,646	94,795
Enterprise Funds	54,078	142,732
Other Local Funds	34,251	75,653
Non-City Funds	1,138	3,958
<b>Funded Subtotal</b>	<b>\$ 262,827</b>	<b>\$ 561,739</b>
Unfunded	-0-	455,733
<b>Total</b>	<b>\$ 262,827</b>	<b>\$ 1,017,472</b>

**General Purpose Funds** account for only 1% of the CIP. The \$6.3 million from the General Fund and \$7.2 million in General Fund contributions to the Mass Transit Fund.

The **Grants and Contributions** category is the largest source of funding for the five-year CIP, \$231.1 million. It provides 23% of the total CIP and 41% of the funded CIP. The five-year total is from federal grants of \$158 million, \$26.5 million in regional fund contributions allocated through the Pima Association of Governments, Highway User Revenue Fund (HURF) receipts of \$22.6 million, Pima County bonds of \$10.6 million, and \$13.4 million in other miscellaneous contributions.

**City Bond Funds** will provide \$94.8 million over the next five years: \$80.6 million from General Obligation Bonds and \$14.2 million from Street and Highway Revenue Bonds. The 2000 Street and Highway Revenue Bond authorization will be exhausted by the end of Fiscal Year 2006. Spending against the 2000 General Obligation Bond authorization has been

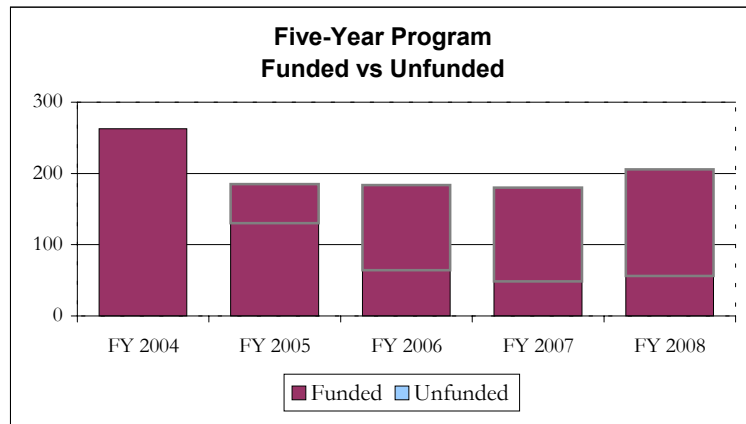


extended through Fiscal Year 2008, primarily due to the rescheduling of an annexation fire substation.

The **Enterprise Funds** category totaling \$142.7 million includes Tucson City Golf and Tucson Water revenues. Tucson City Golf revenues account for \$2 million of that total. Tucson Water revenues account for the remaining \$140.7 million. Tucson City Golf funding sources include \$0.3 million from certificates of participation, \$0.9 million from a pending land sale, and a \$0.8 million contribution from the Tucson Conquistadores. Tucson Water's funding sources include \$94.8 million in user fees and Tucson Water revenue bonds of \$45.9 million.

The \$75.7 million in the **Other Local Funds** category is from certificates of participation (\$55.5 million), Solid Waste and General Fund Mandate Reserve funds (\$10.1 million), restricted trust reserves (\$6.7 million), Tucson Convention Center fees (\$1.4 million), Deferred Maintenance Reserve funds (\$1 million), and private sector partnership funding (\$1 million).

The **Non City-Funds** category of \$3.9 million contains contributions made by property owners to the Special Assessments Fund for improvement districts. While these funds are not required by state law to be part of the city's budget document, they are included to give a complete picture of the cost of Transportation's projects.



**Unfunded Program.** Unfunded projects in this five-year CIP total \$455.7 million or 45% of the five-year CIP.

The first year of the CIP, Fiscal Year 2004, is fully funded. The percentage of unfunded in the other four years of the CIP ranges from 30% in Fiscal Year 2005 to 73% in Fiscal Year 2008. An additional \$445 million of unfunded has been identified for future years.

The amount of unfunded projects is actually higher than shown, because departments have only included their highest priority projects. This level of unmet capital needs reduces our ability to serve the community. During the next budget cycle, we will be refining our capital budget development process to ensure that our identification of unmet capital needs is in alignment with the city's strategic plan.

For more detail on funding sources, see Table II on pages A-9 and A-10.

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## DEPARTMENT PROGRAM HIGHLIGHTS

Department program highlights are presented within their budget reporting categories: Neighborhood Services, Environment and Development, Strategic Initiatives, Support Services, and Non-Departmental.

### Neighborhood Services

The Neighborhood Services category, which accounts for 19% of the total five-year CIP, contains projects managed by City Court, Community Services, Fire, Library, Neighborhood Resources, Parks and Recreation, Tucson City Golf, and Police.

**City Court.** There are two projects in City Court's five-year program of \$56.5 million. The near-term project is partial demolition of the adjacent parking garage and structural reinforcement for the portion that houses mechanical systems at a cost \$1 million, which will come from the Deferred Maintenance Reserve. The structural condition of the garage has deteriorated and is unsafe. The long-term project, construction of a new court facility for \$55.5 million, is unfunded.

**Community Services.** The Community Services five-year program of \$2.3 million contains three projects funded from federal housing grants and Community Development Block Grant funds. Most of the available funding (\$2.2 million) is for site acquisitions that are part of the South Park HOPE VI Redevelopment Project.

**Fire.** Fire's five-year program of \$27.5 million contains seven projects: four funded projects totaling \$14.2 million and three unfunded projects totaling \$13.3 million. Funded projects include four fire stations, support facility improvements, and communications equipment

upgrades. Unfunded is an additional fire station, roadway improvements at the Public Safety Training Academy, and expansion of the academy facilities.

**Library.** The five-year program for Library of \$4 million contains four projects: \$2.5 million funded and \$1.5 million unfunded. Completion of improvements at the Golf Links, Quincie Douglas, and Midtown Libraries and the initial phase of improvements to the Main Library Plaza are funded. Unfunded is the completion of the plaza improvements.

**Neighborhood Resources.** This department's five-year CIP of \$22.7 million has one project, Back to Basics. The \$10.8 million in Fiscal Year 2004 will close out the fifth round of approved projects. Due to budget considerations, future rounds will be funded only with Community Development Block Grants and Highway User Revenue Funds, which provide \$425,000 annually to the projects selected by the mayor and each councilmember.

**Parks and Recreation.** Park's five-year CIP of \$35.7 million contains 37 projects, which are fully funded. The department shifted 19 unfunded projects to future years. One project, Case Park, will have no additional funding planned following completion of the currently funded program. The five-year program is funded primarily from city bonds of \$23.1 million and county bonds of \$10.6 million. Grants and contributions provide for the remaining \$2 million. These funds provide for a wide range of projects: improvements at regional parks, completion of new recreation centers, and amenities at neighborhood parks.

**Tucson City Golf.** Golf's \$2 million five-year program contains two projects: completion of improvements to the Fred Enke Golf Course for \$0.3 million and Trini Alvarez First Tee Renovations for \$1.7 million. The Trini Alvarez improvements will be a joint project with the Tucson Conquistadores, which will contribute cash of \$0.8 million and in-kind support, and the First Tee Corporation, which will contribute in-kind support. The city's matching funds of \$0.9 million are pending a land sale.

**Police.** The Police department's five-year program of four projects totals \$46.2 million: two funded projects totaling \$10.7 million and two unfunded projects totaling \$35.5 million. Facility improvements and a new substation that will replace the Rillito Substation are funded projects. Two additional substations for future growth and construction of a forensic facility that will be co-located with the new substation are unfunded projects.

## **Environment and Development**

The Environment and Development category, which accounts for 65% of the total five-year CIP, contains projects managed by Solid Waste Management, Transportation, Tucson Water, and Environmental Management.

**Solid Waste Management.** The department's five-year program of 22 projects totals \$54.9 million: \$15.4 million funded and \$39.5 million unfunded. An additional project, Los Reales Final Closure, is scheduled in future years. Projects to close the Mullins and Irvington Landfills are included in the funded total, allowing the city to meet near-term regulatory mandates. Also funded are improvements to the Los Reales Landfill, including the addition of another lined disposal cell. Among the unfunded projects are \$3.8 million in projects for other mandated landfill closure and post-closure requirements, \$15.2 million for Los Reales Landfill capacity and improvements, and \$20.5 million for support facilities.

**Transportation.** The five-year Transportation program of \$353.9 million includes five program areas: Streets for \$119.6 million, Drainage for \$70 million, Street Lighting for \$23.9 million, Traffic Signals for \$16.7 million, and Public Transit for \$123.7 million.

The five-year program is 69% funded for \$244.0 million and 31% unfunded for \$109 million.

The largest funding source for Transportation's projects is federal funding, which totals \$147.8 million. Other major funding sources are city bond funds of \$38.3 million and state-shared Highway User Revenue Funds (both direct receipts and allocations through the Pima



Association of Governments) of \$38.1 million. Other contributions and non-federal grants provide \$13.5 million. The remaining \$7.2 million is from the General Fund. Over a third of the total funding is contingent upon allocation by the Federal Highway Administration and the Pima Association of Governments.

Transportation's five-year CIP has \$109 million of unfunded projects, which is 31% of the total. Unfunded amounts in the five program areas range from 1% to 71%: Streets at 1% unfunded, Drainage at 69%, Street Lighting at 71%, Traffic Signals at 21%, and Public Transit at 31%. Another \$118.6 million in unfunded Streets and Drainage projects has been included for future years.

**Tucson Water.** This document includes a five-year Tucson Water CIP of \$238.5 million: \$199.9 million for potable water system improvements and \$38.6 million for reclaimed water system improvements.

**Environmental Management.** Environmental Management's five-year program of ten projects totals \$14.1 million of which \$11 million is funded and \$3.1 million unfunded. The primary funding source is city bond funds of \$7 million. Other funding sources are General Fund Mandate Reserves of \$2.2 million and state and county contributions of \$1.8 million. The Broadway-Pantano Remediation Site, Prudence Landfill, and Silverbell Landfill projects are fully funded. The department's other landfill and remediation projects are only partially funded.

## Strategic Initiatives

The Strategic Initiatives category, which accounts for less than 1% of the total five-year CIP, contains projects managed by the Tucson Convention Center (TCC).

**Tucson Convention Center.** TCC's program of \$1.4 million contains two projects that are fully funded from facility fees: extendable arena seating replacement and modernization of the Music Hall's lighting system.

## Support Services

The Support Services category, which accounts for 13% of the total five-year CIP, contains capital projects managed by Operations.

**Operations.** This five-year program of four projects totals \$131.5 million. Most of the five-year program, \$100.6 million or 77%, is unfunded. The remaining 23% of the CIP is funded from certificates of participation totaling \$30 million and \$0.9 million from the General Fund. The only fully funded project is completion of Americans with Disabilities Act (ADA) improvements to parks facilities. The Emergency Communications System and Facility, which accounts for \$113.2 million of the five-year CIP, is only partially funded: \$30 million from certificates of participation and \$0.7 million from the General Fund. The remaining \$82.4 million of the project is unfunded. The two remaining projects in the CIP, multi-service facilities in the northwest and southeast, are unfunded.

## Non-Departmental

The Non-Departmental category, which accounts for 3% of the total five-year CIP, contains projects that are beyond the scope of a single department.

**General Expense.** The five-year program for General Expense contains five projects that total \$26.3 million: Midtown Multipurpose Facility, the renovation or relocation of the Mayor and Council Chambers, the Starr Pass and City Annex parking garages, and an upgrade to the city's financial and human resources software systems. Funding for the program comes from certificates of participation of \$17 million, General Fund Trust Reserves of \$6.7 million, \$1.6 million from the General Fund, and a \$1 million private sector contribution.

## IMPACT ON THE OPERATING BUDGET

While capital projects are one-time, non-recurring costs, the completion of many projects is the beginning of recurring costs for the operating budget. Operating and maintenance (O&M) impacts total \$12.2 million for Fiscal Year 2004, increasing to \$22.5 million for Fiscal Year 2005 and to \$26.9 million by Fiscal Year 2008.

Operating and Maintenance Impacts		
	Adopted Year 1	Projected Year 2
(in \$000)	FY 2004	FY 2005
General Purpose Funds	\$ 2,172	\$ 11,334
Restricted Funds	9,980	11,130
<b>Total</b>	<b>\$ 12,152</b>	<b>\$ 22,464</b>

The impacts for Fiscal Year 2004 are fully funded. However, some capital projects that would have had an O&M impact in Fiscal Year 2004 were delayed to help balance the budget.

The O&M impacts funded by General Purpose Funds factor significantly into the annual budget balancing process. If sufficient funds cannot be found for the additional \$9.2 million in O&M impacts for Fiscal Year 2005,

more capital projects may have to be rescheduled or completed but not opened.

It should be noted that O&M impacts are estimated only for funded projects. If funding sources, such as a new bond authorization, are found for unfunded projects the O&M impacts in Fiscal Years 2005 through 2008 will increase.

For a summary by department and funding source, see Table III on page A-11.

## OUTLOOK FOR FUTURE CAPITAL BUDGETS

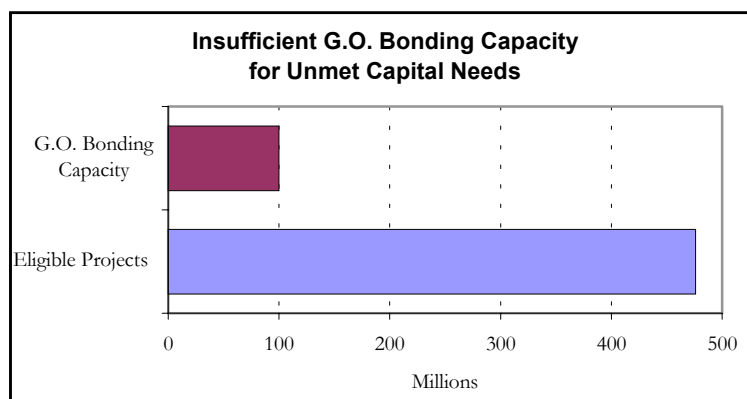
For the past several years, the Mayor and Council have been presented with five-year capital programs that contain a significant amount of unfunded projects. This CIP is no different.

Unfunded Projects			
	Five-Year Program	Future Years	Total
(in \$000)			
Neighborhood Services	\$ 105,743	\$ 109,154	\$ 214,897
Environment and Development	249,429	328,962	578,391
Support Services	100,561	7,379	107,940
<b>Total</b>	<b>\$ 455,733</b>	<b>\$ 445,495</b>	<b>\$ 901,228</b>

Unfunded projects in the five-year program total \$458.3 million; an additional \$466.4 million has been identified for the next five to ten years.

The amount of unfunded projects is actually higher than shown, because departments have only included their highest priority projects.

This backlog of unfunded improvements impacts on the city's ability to address community goals in a meaningful way. Our current mix of funding sources is not sufficient to meet our unmet capital needs over then next ten years.



**Limited Bonding Capacity.** A new General Obligation Bond authorization in Fiscal Year 2005 will not be sufficient to fund all eligible projects. Given the city's current cap on the combined property tax rate, only \$100 million of bonding capacity is projected for Fiscal Years 2005 through 2015.

That is only 21% of the \$476 million in unfunded projects identified by City Court, Police, Fire, Library, Parks, Operations,

Solid Waste Management, Environmental Management, and Transportation (drainage projects) over the next ten years.

**New Funding Sources.** A lack of funding sources for capital projects jeopardizes the viability of the CIP and our ability to provide quality service to citizens. Consideration will need to be given to other funding mechanisms, such as an environmental fee, impact fees, community facilities districts, special taxing districts, and facility dedications by developers.

Funding to cover the recurring costs of staffing and maintenance of new facilities has to a part of the discussion on new funding sources for capital projects. There is little value to the public in constructing facilities that can't be opened due to a shortage of operating funds.

**New CIP Process.** This summer we will begin working on a new CIP and unmet capital needs process. The goal is to ensure that future CIPs are developed consistently across all departments, and that the CIP and unmet capital needs identification are informed by the city's strategic planning.

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## SUMMARY TABLES

Table I, Five-Year Capital Improvement Program Summary by Department (page A-8)

Table II, Five-Year Capital Improvement Program Summary by Funding Source (page A-9).

Table III, Five-Year Capital Improvement Program Operating Cost Impact Summary (page A-11).

**Table I**  
**Five-Year Capital Improvement Program**  
**Summary by Department**  
(\$000)

Service Area/Department	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Neighborhood Services</b>											
City Court	-	-	250.0	<b>250.0</b>	7,233.0	23,476.0	25,507.0	-	<b>56,466.0</b>	-	56,466.0
Community Services	5,543.5	23.2	2,266.9	<b>2,290.1</b>	-	-	-	-	<b>2,290.1</b>	-	7,833.6
Fire	3,592.3	2,434.8	6,754.7	<b>9,189.5</b>	3,380.0	9,159.0	2,440.4	3,360.6	<b>27,529.5</b>	3,020.0	34,141.8
Library	3,886.0	2,464.0	-	<b>2,464.0</b>	500.0	500.0	500.0	-	<b>3,964.0</b>	-	7,850.0
Neighborhood Resources	-	5,705.0	5,075.0	<b>10,780.0</b>	2,975.0	2,975.0	2,975.0	2,975.0	<b>22,680.0</b>	-	22,680.0
Parks and Recreation	6,152.7	19,172.1	12,173.7	<b>31,345.8</b>	4,357.5	-	-	-	<b>35,703.3</b>	106,134.1	147,990.1
Tucson City Golf	334.8	438.9	1,610.0	<b>2,048.9</b>	-	-	-	-	<b>2,048.9</b>	-	2,383.7
Police	9,661.3	283.7	3,687.5	<b>3,971.2</b>	8,617.5	20,899.0	957.0	11,756.0	<b>46,200.7</b>	-	55,862.0
	<b>29,170.6</b>	<b>30,521.7</b>	<b>31,817.8</b>	<b>62,339.5</b>	<b>27,063.0</b>	<b>57,009.0</b>	<b>32,379.4</b>	<b>18,091.6</b>	<b>196,882.5</b>	<b>109,154.1</b>	<b>335,207.2</b>
<b>Environment and Development</b>											
Solid Waste Management	4,399.7	8,876.3	2,957.0	<b>11,833.3</b>	4,954.0	11,276.0	17,799.0	9,061.0	<b>54,923.3</b>	18,490.0	77,813.0
Transportation	50,586.0	26,210.5	77,055.0		87,884.0	61,947.0	44,481.2	56,291.0	<b>353,868.7</b>	118,562.0	523,016.7
Tucson Water		5,905.0	46,124.0	<b>52,029.0</b>	46,430.0	45,215.0	48,067.0	46,760.0	<b>238,501.0</b>	240,085.0	586,345.9
Environmental Management	21,775.6	3,926.9	4,803.9	<b>8,730.8</b>	3,100.0	1,510.0	800.0	-	<b>14,140.8</b>	-	35,916.4
		<b>44,918.7</b>			<b>142,368.0</b>				<b>661,433.8</b>	<b>377,137.0</b>	<b>1,223,092.0</b>
<b>Strategic Initiatives</b>											
Tucson Convention Center	-	-	-	-	-	-	-	1,366.0	<b>1,366.0</b>	-	1,366.0
	-	-	-	-	-	-	-	<b>1,366.0</b>	<b>1,366.0</b>	-	<b>1,366.0</b>
<b>Support Services</b>											
Operations	3,883.9	806.8	5,121.6	<b>5,928.4</b>	7,975.0	6,905.3	36,484.3	74,199.3	<b>131,492.3</b>	7,378.9	142,755.1
	<b>3,883.9</b>	<b>806.8</b>	<b>5,121.6</b>	<b>5,928.4</b>	<b>7,975.0</b>	<b>6,905.3</b>	<b>36,484.3</b>	<b>74,199.3</b>	<b>131,492.3</b>	<b>7,378.9</b>	<b>142,755.1</b>
<b>Non-Departmental</b>											
General Expense	2,518.7	10,892.9	7,807.4	<b>18,700.3</b>	7,597.1	-	-	-	<b>26,297.4</b>	-	28,816.1
	<b>2,518.7</b>	<b>10,892.9</b>	<b>7,807.4</b>	<b>18,700.3</b>	<b>7,597.1</b>	-	-	-	<b>26,297.4</b>	-	<b>28,816.1</b>
<b>Total</b>	<b>220,094.4</b>	<b>87,140.1</b>	<b>175,686.7</b>	<b>262,826.8</b>	<b>185,003.1</b>	<b>183,862.3</b>	<b>180,010.9</b>	<b>205,768.9</b>	<b>1,017,472.0</b>	<b>493,670.0</b>	<b>1,731,236.4</b>

**Table II**  
**Five-Year Capital Improvement Program**  
**Summary by Funding Source**  
(\$000)

Fund Category/Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>General Purpose Funds</b>											
General Fund	5,938.5	2,406.8	3,074.4	<b>5,481.2</b>	800.0	-	-	-	<b>6,281.2</b>	-	12,219.7
Mass Transit Fund: General Fund Transfer	114.0	929.4	1,320.6	<b>2,250.0</b>	1,320.6	1,122.3	1,223.5	1,320.6	<b>7,237.0</b>	-	7,351.0
Solid Waste Mgmt. Fund: General Fund Transfer	466.0	-	-	-	-	-	-	-	-	-	466.0
	<b>6,518.5</b>	<b>3,336.2</b>	<b>4,395.0</b>	<b>7,731.2</b>	<b>2,120.6</b>	<b>1,122.3</b>	<b>1,223.5</b>	<b>1,320.6</b>	<b>13,518.2</b>	-	<b>20,036.7</b>
<b>Grants and Contributions</b>											
Capital Agreement Fund	3,414.9	1,984.0	4,848.2	<b>6,832.2</b>	715.0	715.0	715.0	715.0	<b>9,692.2</b>	-	13,107.1
Capital Agreement Fund: ADOT	500.0	-	500.0	<b>500.0</b>	500.0	500.0	500.0	500.0	<b>2,500.0</b>	-	3,000.0
Capital Agreement Fund: PAG	22,129.2	1,191.9	5,812.0	<b>7,003.9</b>	10,200.0	3,700.0	5,135.0	420.0	<b>26,458.9</b>	-	48,588.1
Capital Agreement Fund: Pima County Bonds	470.2	5,999.7	3,426.2	<b>9,425.9</b>	1,161.0	-	-	-	<b>10,586.9</b>	-	11,057.1
Capital Agreement Fund: Pima County Contribution	356.3	206.0	43.7	<b>249.7</b>	-	-	-	-	<b>249.7</b>	-	606.0
Community Development Block Grant Fund	31.8	1,568.2	1,275.0	<b>2,843.2</b>	1,275.0	1,275.0	1,275.0	1,275.0	<b>7,943.2</b>	-	7,975.0
Comprehensive Housing Grants	192.8	-	21.4	<b>21.4</b>	-	-	-	-	<b>21.4</b>	-	214.2
Federal Highway Administration Grants	985.1	-	22,978.0	<b>22,978.0</b>	21,330.2	12,750.0	250.0	13,925.0	<b>71,233.2</b>	-	72,218.3
HOPE VI Grants	5,318.9	-	2,245.5	<b>2,245.5</b>	-	-	-	-	<b>2,245.5</b>	-	7,564.4
Highway User Revenue Fund	8,256.7	6,514.0	3,879.0	<b>10,393.0</b>	4,073.0	2,695.0	2,847.0	2,640.0	<b>22,648.0</b>	-	30,904.7
Mass Transit Fund: Federal Grants	4,057.3	13,545.6	18,025.8	<b>31,571.4</b>	15,335.5	13,225.7	9,054.7	7,397.8	<b>76,585.1</b>	-	80,642.4
Miscellaneous Non-Federal Grants	150.0	-	919.0	<b>919.0</b>	-	-	-	-	<b>919.0</b>	-	1,069.0
	<b>45,863.1</b>	<b>31,009.4</b>	<b>63,973.8</b>	<b>94,983.2</b>	<b>54,589.7</b>	<b>34,860.7</b>	<b>19,776.7</b>	<b>26,872.8</b>	<b>231,083.1</b>	-	<b>276,946.2</b>
<b>City Bond Funds</b>											
1965 and 1973 General Obligation Bond Funds	1,865.0	-	-	-	-	-	-	-	-	-	1,865.0
1984 General Obligation Bond Funds	338.9	-	-	-	-	-	-	-	-	-	338.9
1984 Street and Highway Revenue Bond Funds	13.0	-	-	-	-	-	-	-	-	-	13.0
1994 General Obligation Bond Funds	16,309.2	1,118.5	171.8	<b>1,290.3</b>	99.0	-	-	-	<b>1,389.3</b>	-	17,698.5
1994 General Obligation Bond Funds - Interest	2,306.3	649.9	-	<b>649.9</b>	-	-	-	-	<b>649.9</b>	-	2,956.2
1994 Street and Highway Revenue Bond Funds	1,448.1	192.7	-	<b>192.7</b>	-	-	-	-	<b>192.7</b>	-	1,640.8
2000 General Obligation Bond Funds	25,356.0	23,360.1	34,156.5	<b>57,516.6</b>	13,249.7	3,472.0	2,519.4	1,809.6	<b>78,567.3</b>	-	103,923.3
2000 Street and Highway Revenue Bond Funds	3,454.5	2,574.0	8,422.5	<b>10,996.5</b>	2,929.0	70.0	-	-	<b>13,995.5</b>	-	17,450.0
	<b>51,091.0</b>	<b>27,895.2</b>	<b>42,750.8</b>	<b>70,646.0</b>	<b>16,277.7</b>	<b>3,542.0</b>	<b>2,519.4</b>	<b>1,809.6</b>	<b>94,794.7</b>	-	<b>145,885.7</b>



**Table II**  
**Five-Year Capital Improvement Program**  
**Summary by Funding Source**  
(\$000)

Fund Category/Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Enterprise Funds</b>											
1984 Water Revenue Bond Funds	125.2	-	-	-	-	-	-	-	-	-	125.2
1994 Water Revenue Bond Funds	38,168.2	-	-	-	-	-	-	-	-	-	38,168.2
2000 Water Revenue Bond Funds	48,990.4	5,905.0	25,301.0	<b>31,206.0</b>	14,634.0	-	-	-	<b>45,840.0</b>	-	94,830.4
Central Arizona Project Reserve Fund	5,460.3	-	10.0	<b>10.0</b>	10.0	10.0	10.0	-	<b>40.0</b>	-	5,500.3
Golf Course Fund	318.8	100.0	1,610.0	<b>1,710.0</b>	-	-	-	-	<b>1,710.0</b>	-	2,028.8
Golf Course Fund: Certificates of Participation	16.0	338.9	-	<b>338.9</b>	-	-	-	-	<b>338.9</b>	-	354.9
Tucson Water Revenue and Operations Fund	15,015.9	-	20,813.0	<b>20,813.0</b>	19,154.0	19,641.0	17,206.0	17,989.0	<b>94,803.0</b>	48,175.0	157,993.9
		<b>6,343.9</b>	<b>47,734.0</b>	<b>54,077.9</b>	<b>33,798.0</b>	<b>19,651.0</b>	<b>17,216.0</b>	<b>17,989.0</b>	<b>142,731.9</b>	<b>48,175.0</b>	<b>299,001.6</b>
<b>Other Local Funds</b>											
Convention Center Fund: Restricted Fees	-	-	-	-	-	-	-	1,366.0	<b>1,366.0</b>	-	1,366.0
General Fund: Certificates of Participation	6,309.9	5,786.7	11,187.1	<b>16,973.8</b>	21,504.6	3,197.3	7,423.8	6,406.7	<b>55,506.2</b>	-	61,816.1
General Fund: Mandate Reserves	1,168.8	858.0	1,310.0	<b>2,168.0</b>	-	-	-	-	<b>2,168.0</b>	-	3,336.8
General Fund: Restricted	-	-	1,250.0	<b>1,250.0</b>	750.0	-	-	-	<b>2,000.0</b>	-	2,000.0
General Fund: Restricted Trust Reserves	-	6,650.0	-	<b>6,650.0</b>	-	-	-	-	<b>6,650.0</b>	-	6,650.0
Solid Waste Management Fund: Mandate Reserves	59.7	4,731.7	2,477.0	<b>7,208.7</b>	754.0	-	-	-	<b>7,962.7</b>	-	8,022.4
	<b>7,538.4</b>	<b>18,026.4</b>	<b>16,224.1</b>	<b>34,250.5</b>	<b>23,008.6</b>	<b>3,197.3</b>	<b>7,423.8</b>	<b>7,772.7</b>	<b>75,652.9</b>	-	<b>83,191.3</b>
<b>Unfunded</b>											
Unfunded	-	-	-	-	54,868.5				<b>455,733.2</b>	445,495.0	901,228.2
	-	-	-	-	<b>54,868.5</b>				<b>455,733.2</b>	<b>445,495.0</b>	<b>901,228.2</b>
<b>Non-City Funds</b>											
Special Assessments Construction Fund	988.6	529.0	609.0	<b>1,138.0</b>	340.0	1,750.0	360.0	370.0	<b>3,958.0</b>	-	4,946.6
	<b>988.6</b>	<b>529.0</b>	<b>609.0</b>	<b>1,138.0</b>	<b>340.0</b>	<b>1,750.0</b>	<b>360.0</b>	<b>370.0</b>	<b>3,958.0</b>	-	<b>4,946.6</b>
<b>Total</b>	<b>220,094.4</b>	<b>87,140.1</b>	<b>175,686.7</b>	<b>262,826.8</b>	<b>185,003.1</b>	<b>183,862.3</b>	<b>180,010.9</b>	<b>205,768.9</b>	<b>1,017,472.0</b>	<b>493,670.0</b>	<b>1,731,236.4</b>

**Table III**  
**Five-Year Capital Improvement Program**  
**Summary of CIP Impact on the Operating Budget**  
(\$000)

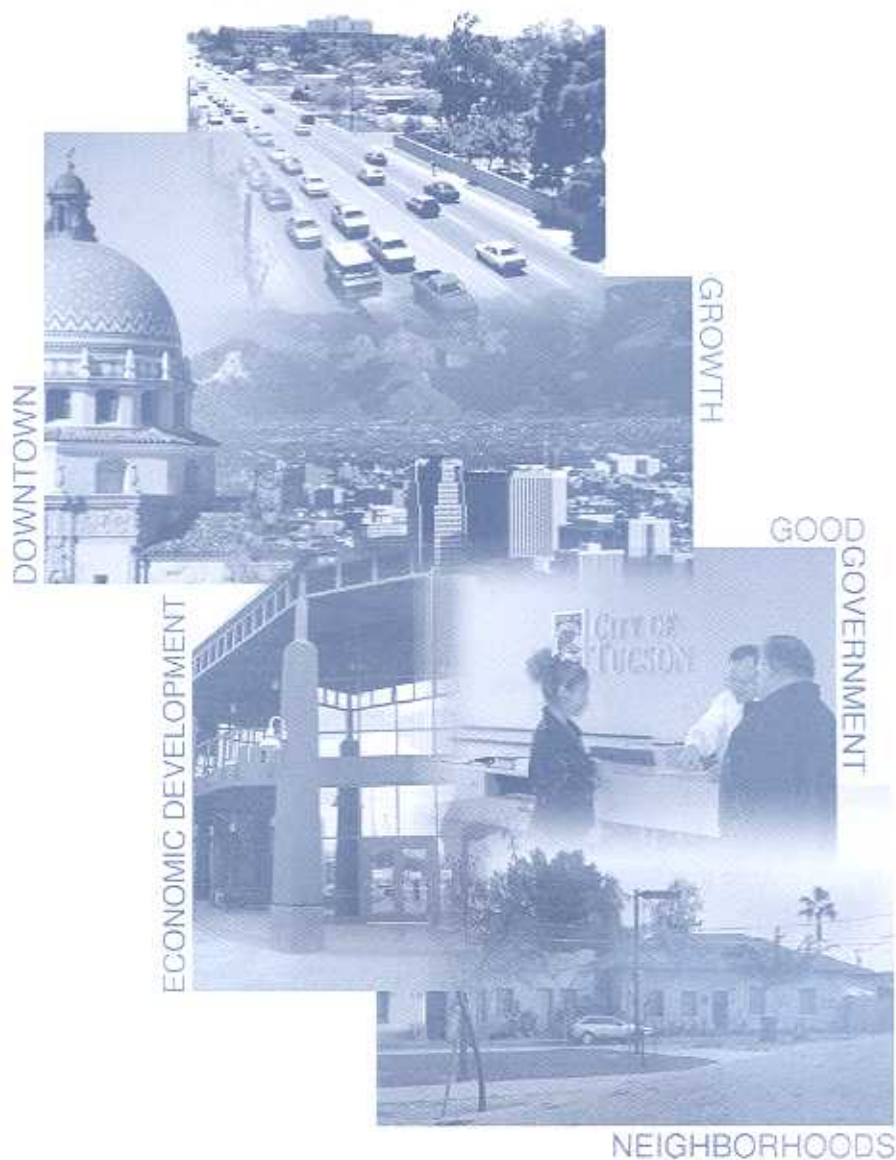
<b>Service Area/Department</b>	<b>Year 1 FY 2004</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>	<b>Five Year Total</b>
<b>Neighborhood Services</b>						
Fire	969.2	4,728.8	4,693.9	6,574.0	6,721.6	<b>23,687.5</b>
Library	-	1,205.0	1,242.2	1,278.0	1,316.4	<b>5,041.6</b>
Parks and Recreation	143.0	3,077.5	3,702.1	3,702.7	3,704.3	<b>14,329.6</b>
Police	-	-	-	-	88.0	<b>88.0</b>
	<b>1,112.2</b>	<b>9,011.3</b>	<b>9,638.2</b>	<b>11,554.7</b>	<b>11,830.3</b>	<b>43,146.7</b>
<b>Environment and Development</b>						
Transportation	-	1,491.0	1,535.7	1,581.9	1,629.3	<b>6,237.9</b>
Tucson Water	9,979.9	10,471.1	10,873.3	11,283.1	11,760.8	<b>54,368.2</b>
Environmental Management	890.0	1,140.0	1,170.0	1,200.0	1,230.0	<b>5,630.0</b>
	<b>10,869.9</b>	<b>13,102.1</b>	<b>13,579.0</b>	<b>14,065.0</b>	<b>14,620.1</b>	<b>66,236.1</b>
<b>Non-Departmental</b>						
General Expense	170.0	351.0	395.7	407.6	419.8	<b>1,744.1</b>
	<b>170.0</b>	<b>351.0</b>	<b>395.7</b>	<b>407.6</b>	<b>419.8</b>	<b>1,744.1</b>
<b>Total</b>	<b>12,152.1</b>	<b>22,464.4</b>	<b>23,612.9</b>	<b>26,027.3</b>	<b>26,870.2</b>	<b>111,126.9</b>
<b>Source of Funds Summary</b>						
<b>General Purpose Funds</b>						
General Fund	2,172.2	9,297.3	9,927.5	11,849.1	12,127.5	<b>45,373.6</b>
Library Fund: General Fund Transfer	-	602.5	621.1	639.0	658.2	<b>2,520.8</b>
Mass Transit Fund: General Fund Transfer	-	1,434.1	1,477.1	1,521.4	1,567.1	<b>5,999.7</b>
	<b>2,172.2</b>	<b>11,333.9</b>	<b>12,025.7</b>	<b>14,009.5</b>	<b>14,352.8</b>	<b>53,894.1</b>
<b>Grants and Contributions</b>						
Highway User Revenue Fund	-	56.9	58.6	60.5	62.2	<b>238.2</b>
Library Fund: Pima County Contribution	-	602.5	621.1	639.0	658.2	<b>2,520.8</b>
	-	<b>659.4</b>	<b>679.7</b>	<b>699.5</b>	<b>720.4</b>	<b>2,759.0</b>
<b>Enterprise Funds</b>						
Tucson Water Revenue and Operations Fund	9,979.9	10,471.1	10,873.3	11,283.1	11,760.8	<b>54,368.2</b>
	<b>9,979.9</b>	<b>10,471.1</b>	<b>10,873.3</b>	<b>11,283.1</b>	<b>11,760.8</b>	<b>54,368.2</b>
<b>Other Local Funds</b>						
General Fund: TEAM Fees and Charges	-	-	34.2	35.2	36.2	<b>105.6</b>
	-	-	<b>34.2</b>	<b>35.2</b>	<b>36.2</b>	<b>105.6</b>
<b>Total</b>	<b>12,152.1</b>	<b>22,464.4</b>	<b>23,612.9</b>	<b>26,027.3</b>	<b>26,870.2</b>	<b>111,126.9</b>



# Section B

## Department Programs

### TRANSPORTATION



# Neighborhood Services

TRANSPORTATION



DOWNTOWN



GROWTH



GOOD  
GOVERNMENT



ECONOMIC DEVELOPMENT



NEIGHBORHOODS





# City Court

TRANSPORTATION



DOWNTOWN



GROWTH



GOOD  
GOVERNMENT

ECONOMIC DEVELOPMENT



NEIGHBORHOODS



## **Capital Improvement Program Department Statement**

**FY 2004 through FY 2008**

**Department:** City Court

**Five-Year Total:** \$ 56,466,000

The City Court Capital Improvement Program addresses the needs of an expanding court.

In the near term, the parking garage adjacent to the City Court building must be partially demolished and the remaining structure housing mechanical systems for the court building must be structurally reinforced. This project is funded with \$1 million from the Deferred Maintenance Reserve.

Over the long term, despite recently completed improvements to the existing building, the needs of City Court can only be met by a new court building to replace the current facility. The estimated cost is \$55.5 million. No funding source has been identified for this project. City and Pima County staff have discussed the possibility of a joint court facility that could be funded by a future county bond authorization.

## City Court

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>City Court Structural Improvements</b>											
General Fund: Restricted	-	-	250.0	250.0	750.0	-	-	-	1,000.0	-	1,000.0
	-	-	250.0	250.0	750.0	-	-	-	1,000.0	-	1,000.0
<b>New City Court Building</b>											
Unfunded	-	-	-	-	6,483.0	23,476.0	25,507.0	-	55,466.0	-	55,466.0
	-	-	-	-	6,483.0	23,476.0	25,507.0	-	55,466.0	-	55,466.0
<b>Department Total</b>	-	-	250.0	250.0	7,233.0	23,476.0	25,507.0	-	56,466.0	-	56,466.0
<b>Source of Funds Summary</b>											
General Fund: Restricted	-	-	250.0	250.0	750.0	-	-	-	1,000.0	-	1,000.0
Unfunded	-	-	-	-	6,483.0	23,476.0	25,507.0	-	55,466.0	-	55,466.0
<b>Department Total</b>	-	-	250.0	250.0	7,233.0	23,476.0	25,507.0	-	56,466.0	-	56,466.0

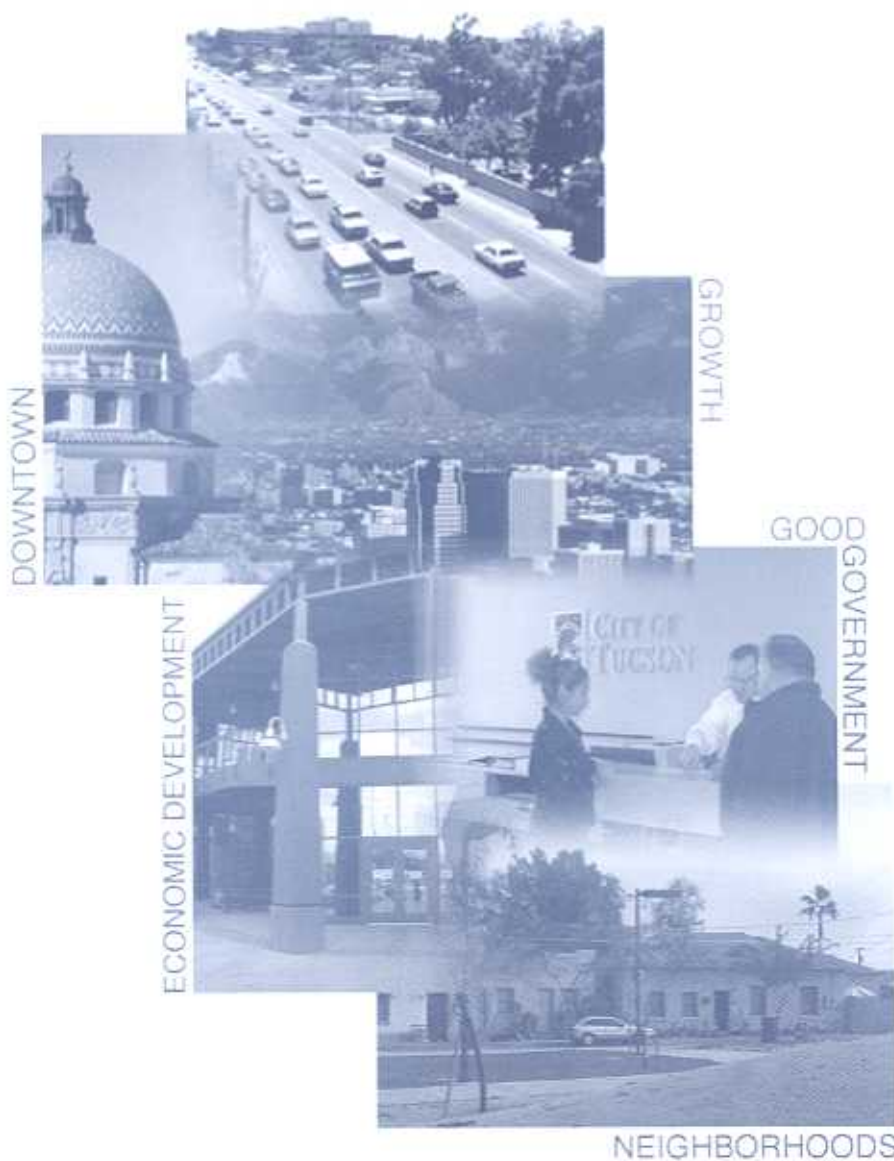






# Community Services

TRANSPORTATION



# **Capital Improvement Program Department Statement**

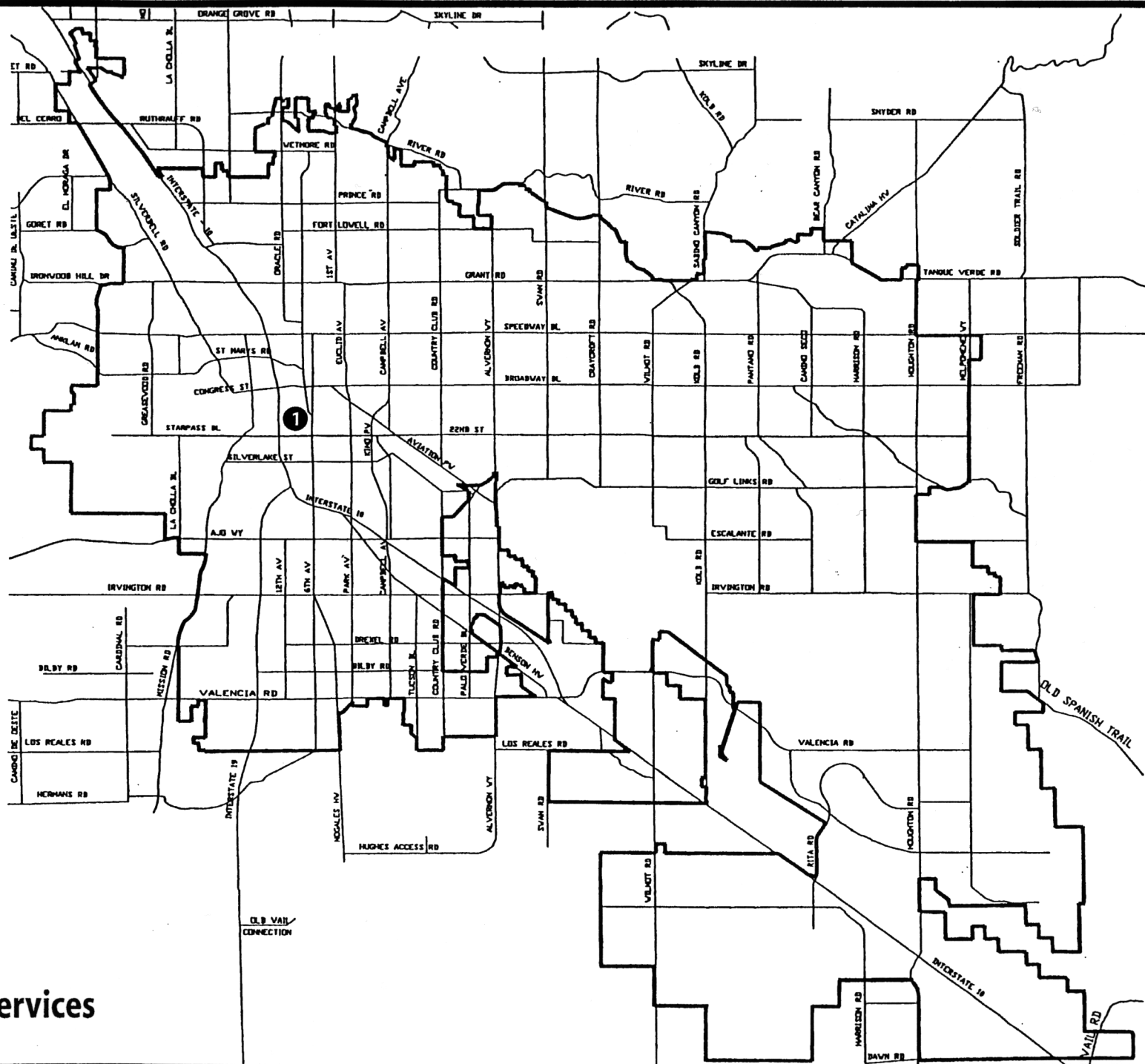
**FY 2004 through FY 2008**

**Department:** Community Services

**Five-Year Total:** \$ 2,290,100

The Community Services Department's Capital Improvement Program (CIP) consists of the revitalization of the Robert F. Kennedy public housing units in the South Park Neighborhood, the South Park acquisition, the South Park HOPE VI acquisition, and the expansion of the Pascua Neighborhood Center's Senior/Youth Building.

The Community Services Department's five-year CIP is fully funded from the Community Development Block Grant fund and federal housing grants.



Community Services

**Map Legend**

**Community Services Department**

Project Name

Year to be  
Completed

1. Robert F. Kennedy Homes Revitalization

FY 2004

## Community Services

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Pascua Neighborhood Center Senior/Youth Building</b>											
Community Development Block Grant Fund	31.8	23.2	-	23.2	-	-	-	-	23.2	-	55.0
	<b>31.8</b>	<b>23.2</b>	-	<b>23.2</b>	-	-	-	-	<b>23.2</b>	-	<b>55.0</b>
<b>Robert F. Kennedy Homes Revitalization</b>											
Comprehensive Housing Grants	192.8	-	21.4	21.4	-	-	-	-	21.4	-	214.2
HOPE VI Grants	638.9	-	71.0	71.0	-	-	-	-	71.0	-	709.9
	<b>831.7</b>	-	<b>92.4</b>	<b>92.4</b>	-	-	-	-	<b>92.4</b>	-	<b>924.1</b>
<b>South Park HOPE VI - Acquisition</b>											
HOPE VI Grants	4,680.0	-	2,174.5	2,174.5	-	-	-	-	2,174.5	-	6,854.5
	<b>4,680.0</b>	-	<b>2,174.5</b>	<b>2,174.5</b>	-	-	-	-	<b>2,174.5</b>	-	<b>6,854.5</b>
<b>Department Total</b>	<b>5,543.5</b>	<b>23.2</b>	<b>2,266.9</b>	<b>2,290.1</b>	-	-	-	-	<b>2,290.1</b>	-	<b>7,833.6</b>
<b>Source of Funds Summary</b>											
Community Development Block Grant Fund	31.8	23.2	-	23.2	-	-	-	-	23.2	-	55.0
Comprehensive Housing Grants	192.8	-	21.4	21.4	-	-	-	-	21.4	-	214.2
HOPE VI Grants	5,318.9	-	2,245.5	2,245.5	-	-	-	-	2,245.5	-	7,564.4
<b>Department Total</b>	<b>5,543.5</b>	<b>23.2</b>	<b>2,266.9</b>	<b>2,290.1</b>	-	-	-	-	<b>2,290.1</b>	-	<b>7,833.6</b>

## Community Services

(S000)

<b>Pascua Neighborhood Center Senior/Youth Building</b> <b>Description:</b> Design and construct an expansion of the Senior/Youth Building at the Pascua Neighborhood Center.  <b>Justification:</b> This project was allocated Fiscal Year 2002 Community Development Block Grant funding as approved by Mayor and Council on May 7, 2001.									<b>Project ID:</b> H114 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/04 <b>Location:</b> Ward 3		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Community Development Block Grant Fund	31.8	23.2	-	23.2	-	-	-	-	23.2	-	55.0
<b>Total</b>	31.8	23.2	-	23.2	-	-	-	-	23.2	-	55.0

<b>Robert F. Kennedy Homes Revitalization</b> <b>Description:</b> Partial demolition and reconfiguration of 28 units of Robert F. Kennedy Public Housing in the South Park neighborhood as part of the HOPE VI Redevelopment Project. Equity funds from the South Park Development Partnership of \$953,000 will be contributed to this project.  <b>Justification:</b> This project is part of the South Park Revitalization Plan approved by Mayor and Council on April 24, 2000.									<b>Project ID:</b> H116 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/04 <b>Location:</b> Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Comprehensive Housing Grants	192.8	-	21.4	21.4	-	-	-	-	21.4	-	214.2
HOPE VI Grants	638.9	-	71.0	71.0	-	-	-	-	71.0	-	709.9
<b>Total</b>	831.7	-	92.4	92.4	-	-	-	-	92.4	-	924.1

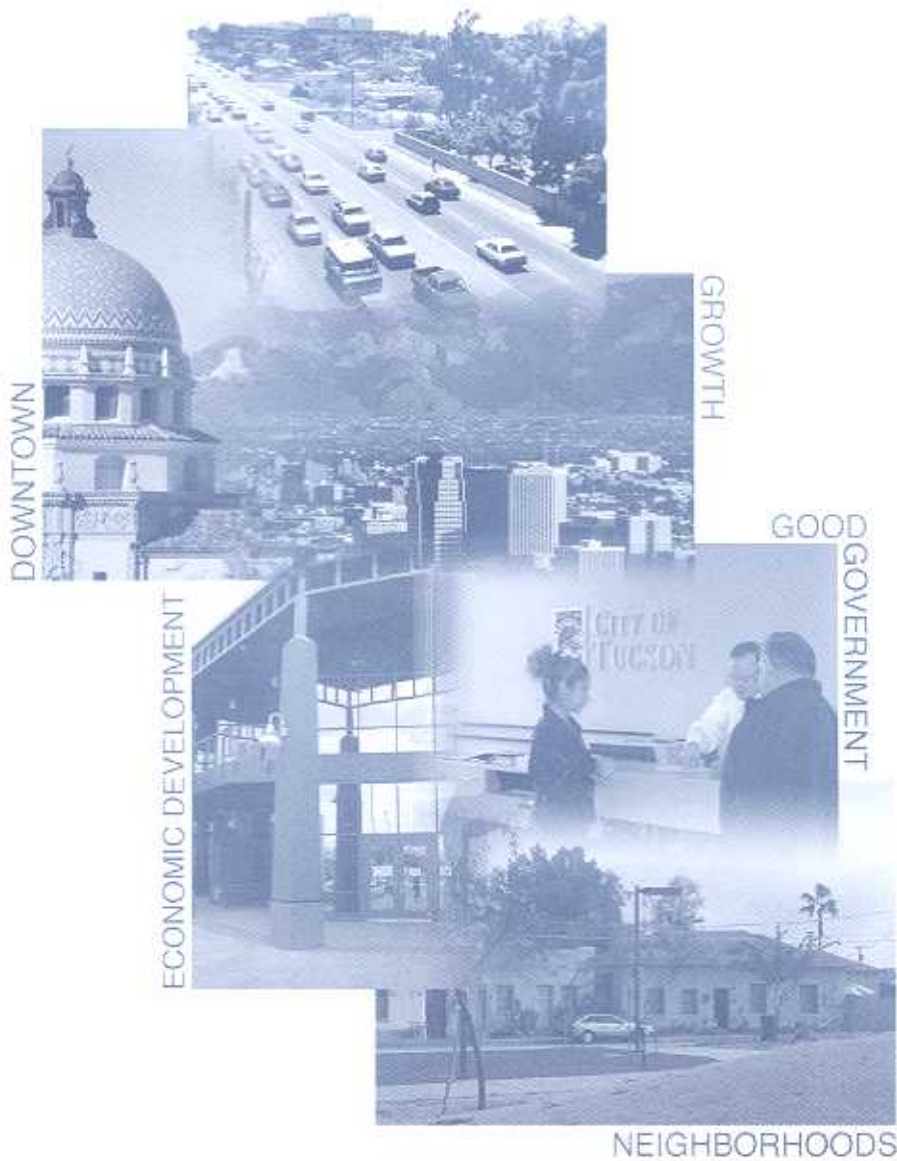
## Community Services

(\$000)

<b>South Park HOPE VI - Acquisition</b> <b>Description:</b> Acquire 52 scattered site units as part of the South Park HOPE VI Redevelopment Project.  <b>Justification:</b> This project is part of the South Park Revitalization Plan approved by Mayor and Council on April 24, 2000.									<b>Project ID:</b> H117 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/04  <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
HOPE VI Grants	4,680.0	-	2,174.5	2,174.5	-	-	-	-	2,174.5	-	6,854.5
<b>Total</b>	4,680.0	-	2,174.5	2,174.5	-	-	-	-	2,174.5	-	6,854.5

# Fire

TRANSPORTATION





## Capital Improvement Program Department Statement

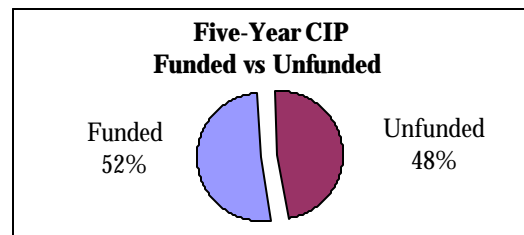
**FY 2004 through FY 2008**

**Department:** Fire

**Five Year Total:** \$ 27,529,500

The Fire Department's Capital Improvement Program establishes improvements needed to sustain adequate levels of emergency services for the fire protection and emergency medical needs of the city.

The five-year capital program of \$27.5 million is 52% funded and 48% unfunded. Funding of \$14.2 million is available from \$12.7 million in general obligation bonds and \$1.5 million in certificates of participation. The remaining \$13.3 million is unfunded.



Funded projects include the following:

- Apparatus purchases for Fire Station 6
- Replacement of mobile data terminals
- Construction of three multi-company fire stations (2 infill and 1 annexation)
- Improvements to support facilities

Unfunded projects include the following:

- An additional annexation fire station
- Expansion of the Public Safety Training Academy
- Road improvements at the Public Safety Training Academy

The operating budget impact of this program is projected to be \$1 million in Fiscal Year 2004, increasing to \$6.7 million in Fiscal Year 2008. See the following page for the impact by project and funding source.

## Fire: CIP Impact on the Operating Budget

When the following projects are completed, they will require funding for annual operations. The estimated impact of these projects on the operating budget over the next five years is shown in the table below.

(\$000)

<b>Project Name</b>	<b>Year 1 FY 2004</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>	<b>Five Year Total</b>
Fire Station 6	957.2	1,512.6	1,529.8	1,541.3	1,553.0	<b>7,093.9</b>
Mobile Data Terminal Upgrades	-	47.3	-	-	-	<b>47.3</b>
New Fire Stations - Annexations and Infill	-	3,133.9	3,128.1	4,995.6	5,130.4	<b>16,388.0</b>
Support Facility Improvements	12.0	35.0	36.0	37.1	38.2	<b>158.3</b>
<b>Total</b>	<b>969.2</b>	<b>4,728.8</b>	<b>4,693.9</b>	<b>6,574.0</b>	<b>6,721.6</b>	<b>23,687.5</b>
<b>Source of Funds Summary</b>						
General Fund	969.2	4,728.8	4,693.9	6,574.0	6,721.6	<b>23,687.5</b>
<b>Total</b>	<b>969.2</b>	<b>4,728.8</b>	<b>4,693.9</b>	<b>6,574.0</b>	<b>6,721.6</b>	<b>23,687.5</b>



**Map Legend**

**Fire**

Project Name

Year to be  
Completed

Project Name

Year to be  
Completed

1. New Fire Stations - Annexations and Infill  
(Location of third station is pending)

FY 2008

2. Support Facility Improvements

FY 2004

# Fire

## Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Fire Station 6</b>											
1984 General Obligation Bond Funds	12.3	-	-	-	-	-	-	-	-	-	12.3
1994 General Obligation Bond Funds	11.5	-	-	-	-	-	-	-	-	-	11.5
1994 General Obligation Bond Funds - Interest	67.4	-	-	-	-	-	-	-	-	-	67.4
General Fund: Certificates of Participation	1,606.2	693.8	-	<b>693.8</b>	-	-	-	-	<b>693.8</b>	-	2,300.0
	<b>1,697.4</b>	<b>693.8</b>	-	<b>693.8</b>	-	-	-	-	<b>693.8</b>	-	<b>2,391.2</b>
<b>Mobile Data Terminal Upgrades</b>											
General Fund: Certificates of Participation	-	850.0	-	<b>850.0</b>	-	-	-	-	<b>850.0</b>	-	850.0
	-	<b>850.0</b>	-	<b>850.0</b>	-	-	-	-	<b>850.0</b>	-	<b>850.0</b>
<b>New Fire Station - Annexations</b>											
Unfunded	-	-	-	-	-	-	-	1,551.0	<b>1,551.0</b>	3,020.0	4,571.0
	-	-	-	-	-	-	-	<b>1,551.0</b>	<b>1,551.0</b>	<b>3,020.0</b>	<b>4,571.0</b>
<b>New Fire Stations - Annexations and Infill</b>											
2000 General Obligation Bond Funds	1,300.3	-	5,589.7	<b>5,589.7</b>	810.0	-	2,440.4	1,809.6	<b>10,649.7</b>	-	11,950.0
	<b>1,300.3</b>	-	<b>5,589.7</b>	<b>5,589.7</b>	<b>810.0</b>	-	<b>2,440.4</b>	<b>1,809.6</b>	<b>10,649.7</b>	-	<b>11,950.0</b>
<b>Public Safety Training Academy Expansion</b>											
Unfunded	-	-	-	-	2,415.0	8,619.0	-	-	<b>11,034.0</b>	-	11,034.0
	-	-	-	-	<b>2,415.0</b>	<b>8,619.0</b>	-	-	<b>11,034.0</b>	-	<b>11,034.0</b>
<b>Public Safety Training Academy Road Improvements</b>											
Unfunded	-	-	-	-	155.0	540.0	-	-	<b>695.0</b>	-	695.0
	-	-	-	-	<b>155.0</b>	<b>540.0</b>	-	-	<b>695.0</b>	-	<b>695.0</b>

# Fire

## Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Support Facility Improvements</b>											
1984 General Obligation Bond Funds	100.7	-	-	-	-	-	-	-	-	-	100.7
2000 General Obligation Bond Funds	494.0	891.0	1,165.0	<b>2,056.0</b>	-	-	-	-	<b>2,056.0</b>	-	2,550.0
	<b>594.7</b>	<b>891.0</b>	<b>1,165.0</b>	<b>2,056.0</b>	-	-	-	-	<b>2,056.0</b>	-	<b>2,650.7</b>
<b>Department Total</b>	<b>3,592.3</b>	<b>2,434.8</b>	<b>6,754.7</b>	<b>9,189.5</b>	<b>3,380.0</b>	<b>9,159.0</b>	<b>2,440.4</b>	<b>3,360.6</b>	<b>27,529.5</b>	<b>3,020.0</b>	<b>34,141.8</b>

<b>Source of Funds Summary</b>											
1984 General Obligation Bond Funds	113.0	-	-	-	-	-	-	-	-	-	113.0
1994 General Obligation Bond Funds	11.5	-	-	-	-	-	-	-	-	-	11.5
1994 General Obligation Bond Funds - Interest	67.4	-	-	-	-	-	-	-	-	-	67.4
2000 General Obligation Bond Funds	1,794.3	891.0	6,754.7	<b>7,645.7</b>	810.0	-	2,440.4	1,809.6	<b>12,705.7</b>	-	14,500.0
General Fund: Certificates of Participation	1,606.2	1,543.8	-	<b>1,543.8</b>	-	-	-	-	<b>1,543.8</b>	-	3,150.0
Unfunded	-	-	-	-	2,570.0	9,159.0	-	1,551.0	<b>13,280.0</b>	3,020.0	16,300.0
<b>Department Total</b>	<b>3,592.3</b>	<b>2,434.8</b>	<b>6,754.7</b>	<b>9,189.5</b>	<b>3,380.0</b>	<b>9,159.0</b>	<b>2,440.4</b>	<b>3,360.6</b>	<b>27,529.5</b>	<b>3,020.0</b>	<b>34,141.8</b>

# Fire

(\$000)

<b>Fire Station 6</b> <b>Description:</b> Design and construct a new fire station at the Public Safety Training Academy. Project costs include apparatus and other equipment. Fire Station 6 was completed and occupied June 2002. Fiscal Year 2004 funds in this project will be used for the final construction payments and to purchase one additional piece of apparatus.  <b>Justification:</b> This fire station is needed to serve the growing population of the southeast area of the city. The station is currently staffed with one paramedic-engine company. In the future, a medic company and a ladder company will be placed into service.									<b>Project ID:</b> F908 <b>Start Date:</b> 4/00 <b>End Date:</b> 12/03  <b>Location:</b> Ward 4		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
1984 General Obligation Bond Funds	12.3	-	-	-	-	-	-	-	-	-	12.3
1994 General Obligation Bond Funds	11.5	-	-	-	-	-	-	-	-	-	11.5
1994 General Obligation Bond Funds - Interest	67.4	-	-	-	-	-	-	-	-	-	67.4
General Fund: Certificates of Participation	1,606.2	693.8	-	693.8	-	-	-	-	693.8	-	2,300.0
<b>Total</b>	1,697.4	693.8	-	693.8	-	-	-	-	693.8	-	2,391.2

<b>Mobile Data Terminal Upgrades</b> <b>Description:</b> Replace mobile data terminals in fire apparatus, medic trucks, and response vehicles with state-of-the-art units.  <b>Justification:</b> The current data terminals are obsolete.									<b>Project ID:</b> F904 <b>Start Date:</b> 7/03 <b>End Date:</b> 6/04  <b>Location:</b> Citywide		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
General Fund: Certificates of Participation	-	850.0	-	850.0	-	-	-	-	850.0	-	850.0
<b>Total</b>	-	850.0	-	850.0	-	-	-	-	850.0	-	850.0

# Fire

(S000)

<b>New Fire Station - Annexations</b> <b>Description:</b> Design and construct a new fire station based on city annexations and growth. Project costs include apparatus and other equipment.  <b>Justification:</b> This fire station is needed to serve projected population and area growth based on the department's target response time of five minutes or less.									<b>Project ID:</b> F907 <b>Start Date:</b> 7/07 <b>End Date:</b> 12/09 <b>Location:</b> To be determined		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	1,551.0	1,551.0	3,020.0	4,571.0
<b>Total</b>	-	-	-	-	-	-	-	1,551.0	1,551.0	3,020.0	4,571.0

<b>New Fire Stations - Annexations and Infill</b> <b>Description:</b> Design and construct three new fire stations based on infill growth and annexations. Station 20, an infill station that will be located at 1st Avenue and River Road, will be completed in Fiscal Year 2005 at a cost of \$3.8 million. Station 21, an infill station that will be located in the Tanque Verde/Bear Canyon area, will be completed in Fiscal Year 2005 at a cost of \$3.8 million. No location has been determined for the annexation station that will be completed in Fiscal Year 2008 at a cost of \$4.3 million. Project costs include the apparatus and equipment needed for each station.  <b>Justification:</b> These stations are needed to serve projected population and area growth based on the department's target response time of five minutes or less.									<b>Project ID:</b> F902 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/08 <b>Location:</b> Wards 2, 3, TBD		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	1,300.3	-	5,589.7	5,589.7	810.0	-	2,440.4	1,809.6	10,649.7	-	11,950.0
<b>Total</b>	1,300.3	-	5,589.7	5,589.7	810.0	-	2,440.4	1,809.6	10,649.7	-	11,950.0



# Fire

(S000)

<b>Public Safety Training Academy Expansion</b> <b>Description:</b> Design and construct additions to the Public Safety Training Academy to provide expanded classrooms, additional props, a test pit, and other fire training facilities.  <b>Justification:</b> These additions are needed to accommodate the growing needs of training public safety personnel.									<b>Project ID:</b> F903 <b>Start Date:</b> 7/04 <b>End Date:</b> 6/06 <b>Location:</b> Ward 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	2,415.0	8,619.0	-	-	11,034.0	-	11,034.0
<b>Total</b>	-	-	-	-	2,415.0	8,619.0	-	-	11,034.0	-	11,034.0

<b>Public Safety Training Academy Road Improvements</b> <b>Description:</b> Design and construct improvements to existing roads, rebuild a road that crosses a wash, and install cattle guards.  <b>Justification:</b> These improvements are necessary to provide easier access to some of the facilities and to safeguard animals from entering the property.									<b>Project ID:</b> F909 <b>Start Date:</b> 7/04 <b>End Date:</b> 7/06 <b>Location:</b> Ward 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	155.0	540.0	-	-	695.0	-	695.0
<b>Total</b>	-	-	-	-	155.0	540.0	-	-	695.0	-	695.0

# Fire

(S000)

<b>Support Facility Improvements</b> <b>Description:</b> Design and construct improvements to the Fire Maintenance Facility and Fire Station 7. This project previously included improvements to Fire Headquarters (FHQ). However, the engineering requirements to add a third floor to FHQ are cost prohibitive. The Bond Project Oversight Committee has approved the concept of that portion of the project funding be reallocated to the Maintenance Shop improvements.  <b>Justification:</b> These improvements are needed to improve the use of existing space and to meet future demands for maintaining fire vehicles.									<b>Project ID:</b> F901 <b>Start Date:</b> 7/00 <b>End Date:</b> 6/04 <b>Location:</b> Wards 1, 5, and 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1984 General Obligation Bond Funds	100.7	-	-	-	-	-	-	-	-	-	100.7
2000 General Obligation Bond Funds	494.0	891.0	1,165.0	2,056.0	-	-	-	-	2,056.0	-	2,550.0
<b>Total</b>	594.7	891.0	1,165.0	2,056.0	-	-	-	-	2,056.0	-	2,650.7

# Library

TRANSPORTATION



DOWNTOWN



GROWTH



GOOD  
GOVERNMENT

ECONOMIC DEVELOPMENT



NEIGHBORHOODS



## Capital Improvement Program Department Statement

**FY 2004 through FY 2008**

**Department:** Library

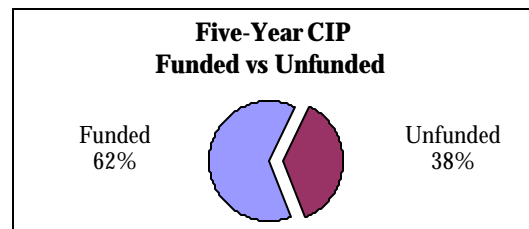
**Five-Year Total:** \$ 3,964,000

The Library Department's Capital Improvement Program seeks to enhance the viability of library services at existing branches and provide new libraries in growing areas of the community.

This five-year program of \$4 million is 62% funded and 38% unfunded. Funding of \$2.5 million is available from general obligation bonds. The remaining \$1.5 million is unfunded.

Funded projects include the following:

- George Miller-Golf Links Library Expansion
- Midtown Library and Learning Center
- Quincie Douglas Library



Partially funded are improvements to the Main Library Plaza.

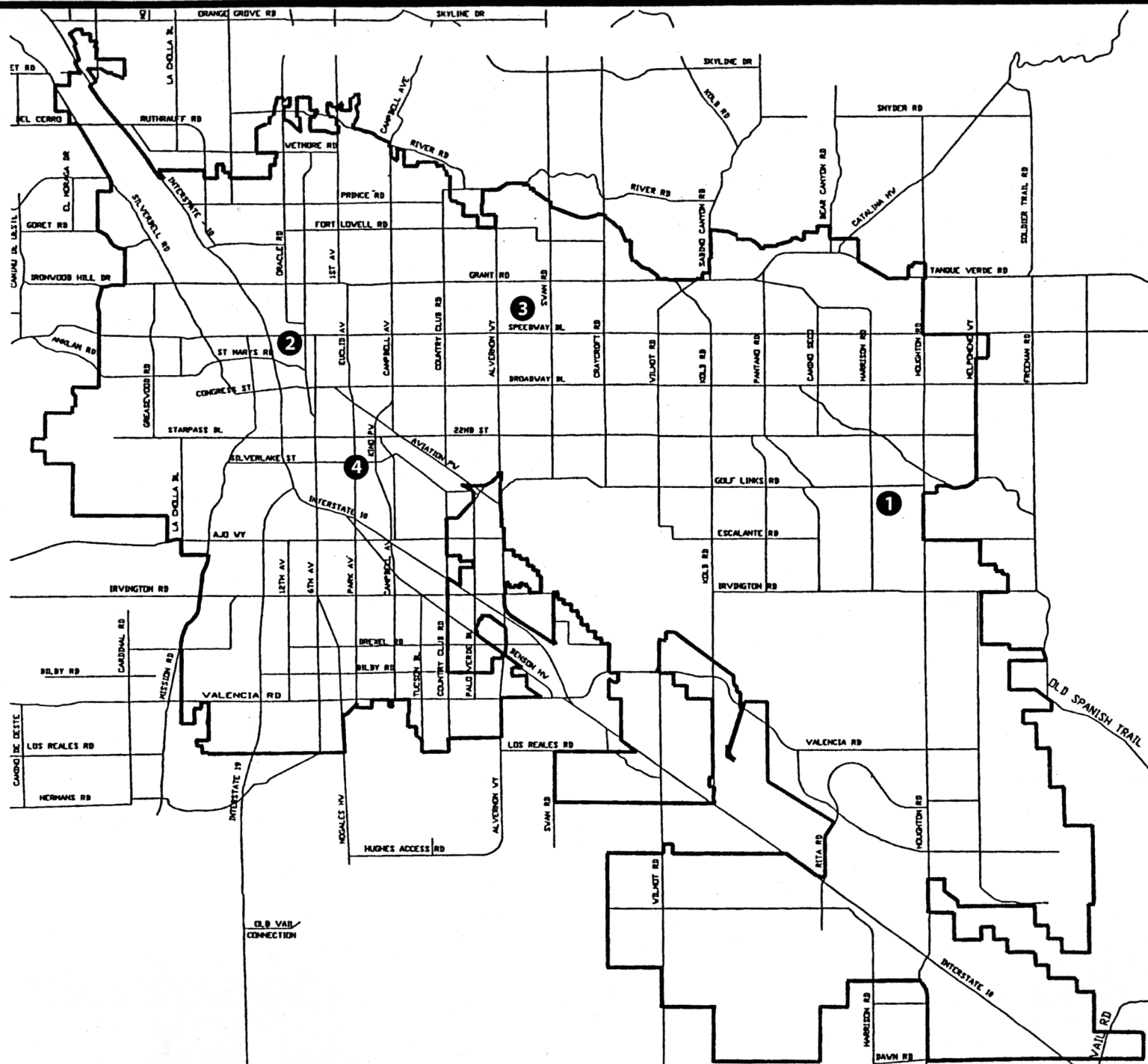
The projected impact on annual operating costs range from zero in Fiscal Year 2004 to \$1.3 million by Fiscal Year 2008. See the following page for the impact by project and funding source.

## Library: CIP Impact on the Operating Budget

When the following projects are completed, they will require funding for annual operations. The estimated impact of these projects on the operating budget over the next five years is shown in the table below.

(\$000)

<b>Project Name</b>	<b>Year 1 FY 2004</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>	<b>Five Year Total</b>
Midtown Library and Learning Center	-	500.0	516.0	530.0	546.0	<b>2,092.0</b>
Quincie Douglas Library	-	705.0	726.2	748.0	770.4	<b>2,949.6</b>
<b>Total</b>	-	<b>1,205.0</b>	<b>1,242.2</b>	<b>1,278.0</b>	<b>1,316.4</b>	<b>5,041.6</b>
<b>Source of Funds Summary</b>						
Library Fund: General Fund Transfer	-	602.5	621.1	639.0	658.2	<b>2,520.8</b>
Library Fund: Pima County Contribution	-	602.5	621.1	639.0	658.2	<b>2,520.8</b>
<b>Total</b>	-	<b>1,205.0</b>	<b>1,242.2</b>	<b>1,278.0</b>	<b>1,316.4</b>	<b>5,041.6</b>



Library

**Map Legend**

**Library**

Project Name

Year to be  
Completed

Project Name

Year to be  
Completed

1. George Miller-Golf Links Library Expansion

FY 2004

3. Midtown Library and Learning Center

FY 2004

2. Main Library Plaza Improvements

FY 2007

4. Quincie Douglas Library

FY 2004

# Library

## Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>George Miller-Golf Links Library Expansion</b>											
2000 General Obligation Bond Funds	730.0	820.0	-	<b>820.0</b>	-	-	-	-	<b>820.0</b>	-	1,550.0
	<b>730.0</b>	<b>820.0</b>	-	<b>820.0</b>	-	-	-	-	<b>820.0</b>	-	<b>1,550.0</b>
<b>Main Library Plaza Improvements</b>											
1994 General Obligation Bond Funds - Interest	100.0	600.0	-	<b>600.0</b>	-	-	-	-	<b>600.0</b>	-	700.0
Unfunded	-	-	-	-	500.0	500.0	500.0	-	<b>1,500.0</b>	-	1,500.0
	<b>100.0</b>	<b>600.0</b>	-	<b>600.0</b>	<b>500.0</b>	<b>500.0</b>	<b>500.0</b>	-	<b>2,100.0</b>	-	<b>2,200.0</b>
<b>Midtown Library and Learning Center</b>											
2000 General Obligation Bond Funds	50.0	400.0	-	<b>400.0</b>	-	-	-	-	<b>400.0</b>	-	450.0
Miscellaneous Non-Federal Grants	150.0	-	-	-	-	-	-	-	-	-	150.0
	<b>200.0</b>	<b>400.0</b>	-	<b>400.0</b>	-	-	-	-	<b>400.0</b>	-	<b>600.0</b>
<b>Quincie Douglas Library</b>											
2000 General Obligation Bond Funds	2,856.0	644.0	-	<b>644.0</b>	-	-	-	-	<b>644.0</b>	-	3,500.0
	<b>2,856.0</b>	<b>644.0</b>	-	<b>644.0</b>	-	-	-	-	<b>644.0</b>	-	<b>3,500.0</b>
<b>Department Total</b>	<b>3,886.0</b>	<b>2,464.0</b>	-	<b>2,464.0</b>	<b>500.0</b>	<b>500.0</b>	<b>500.0</b>	-	<b>3,964.0</b>	-	<b>7,850.0</b>
<b>Source of Funds Summary</b>											
1994 General Obligation Bond Funds - Interest	100.0	600.0	-	<b>600.0</b>	-	-	-	-	<b>600.0</b>	-	700.0
2000 General Obligation Bond Funds	3,636.0	1,864.0	-	<b>1,864.0</b>	-	-	-	-	<b>1,864.0</b>	-	5,500.0
Miscellaneous Non-Federal Grants	150.0	-	-	-	-	-	-	-	-	-	150.0
Unfunded	-	-	-	-	500.0	500.0	500.0	-	<b>1,500.0</b>	-	1,500.0
<b>Department Total</b>	<b>3,886.0</b>	<b>2,464.0</b>	-	<b>2,464.0</b>	<b>500.0</b>	<b>500.0</b>	<b>500.0</b>	-	<b>3,964.0</b>	-	<b>7,850.0</b>



# Library

(S000)

<b>George Miller-Golf Links Library Expansion</b> <b>Description:</b> Design and construct a 5,000 square foot expansion of the George Miller-Golf Links Branch Library.									<b>Project ID:</b> L904 <b>Start Date:</b> 11/00 <b>End Date:</b> 6/04 <b>Location:</b> Ward 4		
<b>Justification:</b> Since this library opened in March 1999, it has become one of the most used in the system, with a circulation of 370,000 items annually, surpassing the circulation of other similarly-sized libraries. The expansion will provide space to increase the book collection from 60,000 to 80,000 volumes and will allow for expanded library programs, such as Homework Help, Storytimes, and public access to personal computers.											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	730.0	820.0	-	820.0	-	-	-	-	820.0	-	1,550.0
<b>Total</b>	730.0	820.0	-	820.0	-	-	-	-	820.0	-	1,550.0

<b>Main Library Plaza Improvements</b> <b>Description:</b> Redesign, reconstruct, and enhance the Main Library plaza to address needed repairs and to connect the plaza's irrigation system to the reclaimed water system at the Tucson Convention Center.									<b>Project ID:</b> L913 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/07 <b>Location:</b> Ward 1 (within Rio Nuevo District)		
<b>Justification:</b> Improvements to the plaza are needed to resolve structural subsidence problems and eliminate tripping hazards. The connection of the irrigation system to a reclaimed water source will reduce the use of potable water by the city.											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 General Obligation Bond Funds - Interest	100.0	600.0	-	600.0	-	-	-	-	600.0	-	700.0
Unfunded	-	-	-	-	500.0	500.0	500.0	-	1,500.0	-	1,500.0
<b>Total</b>	100.0	600.0	-	600.0	500.0	500.0	500.0	-	2,100.0	-	2,200.0

# Library

(S000)

<b>Midtown Library and Learning Center</b> <b>Description:</b> Contribute funding to Pima County's construction of a 7,000 square foot (expandable to 10,000 square feet) neighborhood library and learning center located within the city limits at Fairmont Avenue and Catalina Boulevard. Pima County will construct this library with \$2 million in county bond funds. This library will have a collection of 20,000 books, periodicals, electronic resources, audio tapes, videotapes, compact disks, and reference materials. It will house a computer lab and provide a wide variety of learning programs focused on youth. <b>Justification:</b> A library is needed in this area to accommodate current population and to place a library in an economically-stressed area.									<b>Project ID:</b> L906 <b>Start Date:</b> 7/98 <b>End Date:</b> 6/04 <b>Location:</b> Ward 6		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 General Obligation Bond Funds	50.0	400.0	-	400.0	-	-	-	-	400.0	-	450.0
Miscellaneous Non-Federal Grants	150.0	-	-	-	-	-	-	-	-	-	150.0
<b>Total</b>	200.0	400.0	-	400.0	-	-	-	-	400.0	-	600.0

<b>Quincie Douglas Library</b> <b>Description:</b> Construct a 10,000 square foot neighborhood center library at the existing Quincie Douglas Neighborhood Center. The library will have a start-up book collection of 40,000 volumes (expandable to 60,000) that will contain a variety of books, periodicals, electronic resources, audio tapes, compact disks, and reference materials. The library be a state-of-the-art facility that will provide a full range of programs and learning opportunities for residents. <b>Justification:</b> This library is needed to accommodate current and future population growth in the south central area and to provide a neighborhood library in an economically-stressed area.									<b>Project ID:</b> L909 <b>Start Date:</b> 7/00 <b>End Date:</b> 6/04 <b>Location:</b> Ward 5		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 General Obligation Bond Funds	2,856.0	644.0	-	644.0	-	-	-	-	644.0	-	3,500.0
<b>Total</b>	2,856.0	644.0	-	644.0	-	-	-	-	644.0	-	3,500.0



# Neighborhood Resources

TRANSPORTATION



DOWNTOWN



GROWTH



GOOD GOVERNMENT

ECONOMIC DEVELOPMENT



GOOD GOVERNMENT



NEIGHBORHOODS



## **Capital Improvement Program Department Statement**

**FY 2004 through FY 2008**

**Department:** Neighborhood Resources

**Five-Year Total:** \$ 22,680,000

The Neighborhood Resources program funds Back to Basics projects, which are infrastructure improvements and environmental enhancements in targeted areas throughout the city. These projects are cooperative efforts between city departments, the private sector, and neighborhood residents.

Funding in Fiscal Year 2004 will close out the fifth round of projects. Due to budget considerations, future rounds of projects will consist only of Community Development Block Grants and Highway User Revenue Funds, providing \$425,000 annually for the mayor's office and each council office.

## Neighborhood Resources

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Back to Basics Unallocated</b>											
Community Development Block Grant Fund	-	1,545.0	1,275.0	<b>2,820.0</b>	1,275.0	1,275.0	1,275.0	1,275.0	<b>7,920.0</b>	-	7,920.0
General Fund	-	1,600.0	2,100.0	<b>3,700.0</b>	-	-	-	-	<b>3,700.0</b>	-	3,700.0
Highway User Revenue Fund	-	2,560.0	1,700.0	<b>4,260.0</b>	1,700.0	1,700.0	1,700.0	1,700.0	<b>11,060.0</b>	-	11,060.0
	-	<b>5,705.0</b>	<b>5,075.0</b>	<b>10,780.0</b>	<b>2,975.0</b>	<b>2,975.0</b>	<b>2,975.0</b>	<b>2,975.0</b>	<b>22,680.0</b>	-	<b>22,680.0</b>
<b>Department Total</b>	-	<b>5,705.0</b>	<b>5,075.0</b>	<b>10,780.0</b>	<b>2,975.0</b>	<b>2,975.0</b>	<b>2,975.0</b>	<b>2,975.0</b>	<b>22,680.0</b>	-	<b>22,680.0</b>
<b>Source of Funds Summary</b>											
Community Development Block Grant Fund	-	1,545.0	1,275.0	<b>2,820.0</b>	1,275.0	1,275.0	1,275.0	1,275.0	<b>7,920.0</b>	-	7,920.0
General Fund	-	1,600.0	2,100.0	<b>3,700.0</b>	-	-	-	-	<b>3,700.0</b>	-	3,700.0
Highway User Revenue Fund	-	2,560.0	1,700.0	<b>4,260.0</b>	1,700.0	1,700.0	1,700.0	1,700.0	<b>11,060.0</b>	-	11,060.0
<b>Department Total</b>	-	<b>5,705.0</b>	<b>5,075.0</b>	<b>10,780.0</b>	<b>2,975.0</b>	<b>2,975.0</b>	<b>2,975.0</b>	<b>2,975.0</b>	<b>22,680.0</b>	-	<b>22,680.0</b>

## Neighborhood Resources

(\$000)

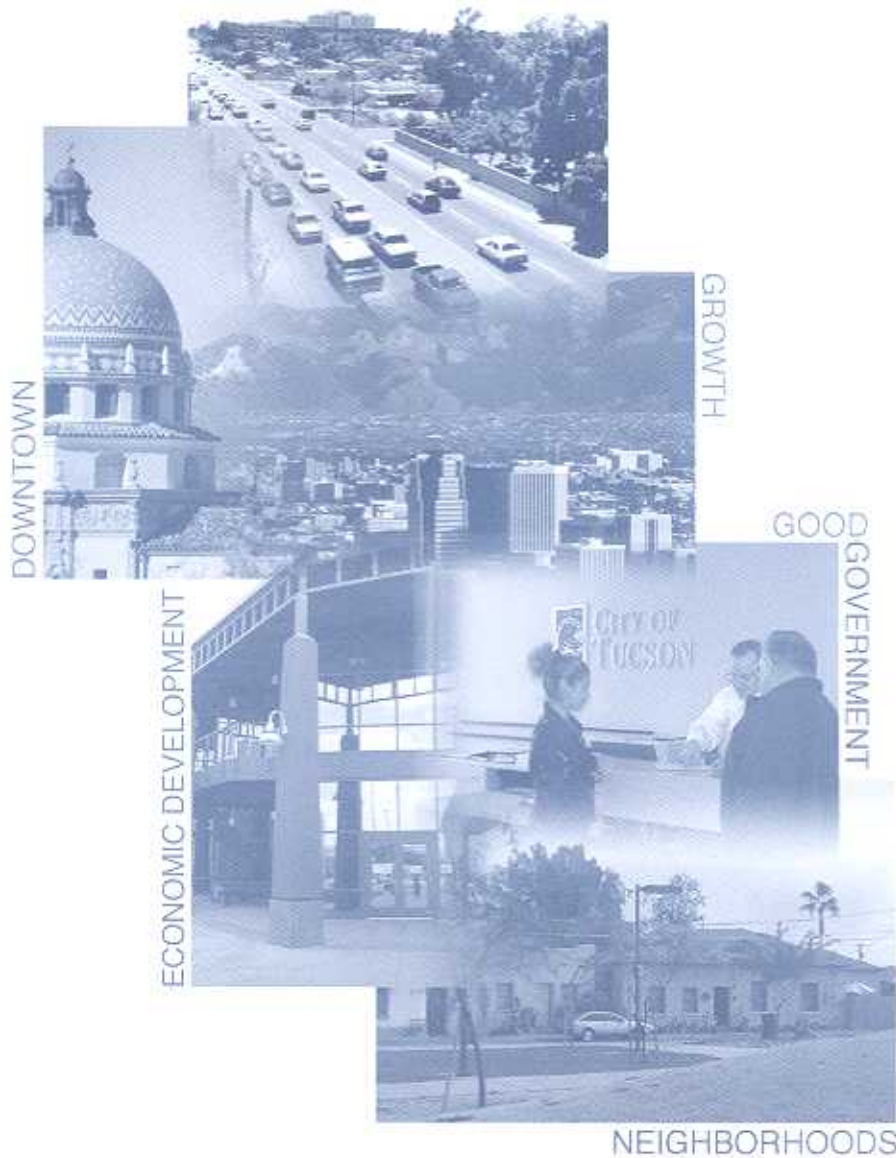
<b>Back to Basics Unallocated</b>  <b>Description:</b> Design and construct basic infrastructure improvements and environmental enhancements in neighborhoods targeted by the Mayor and Council. Funding in Fiscal Year 2004 will close out the fifth round of projects. Due to budget consideration, future rounds of projects will consist of Community Development Block Grant and Highway User Revenue Funds only, providing \$425,000 annually for the mayor's office and each council office.  <b>Justification:</b> This project supports the Neighborhoods focus area in the City Strategic Plan, which has been adopted by Mayor and Council.									<b>Project ID:</b> A148 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> Citywide			
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>		<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
Community Development Block Grant Fund	-	1,545.0	1,275.0	<b>2,820.0</b>	1,275.0	1,275.0	1,275.0	1,275.0	<b>7,920.0</b>	-	<b>7,920.0</b>	
General Fund	-	1,600.0	2,100.0	<b>3,700.0</b>	-	-	-	-	<b>3,700.0</b>	-	<b>3,700.0</b>	
Highway User Revenue Fund	-	2,560.0	1,700.0	<b>4,260.0</b>	1,700.0	1,700.0	1,700.0	1,700.0	<b>11,060.0</b>	-	<b>11,060.0</b>	
<b>Total</b>	-	5,705.0	5,075.0	<b>10,780.0</b>	2,975.0	2,975.0	2,975.0	2,975.0	<b>22,680.0</b>	-	<b>22,680.0</b>	





# *Parks and Recreation*

TRANSPORTATION



## **Capital Improvement Program Department Statement**

**FY 2004 through FY 2008**

**Department:** Parks and Recreation

**Five-Year Total:** \$ 35,703,300

The Parks and Recreation Department's Capital Improvement Program (CIP) is based on the Parks, Recreation, and Open Space component of the City's General Plan, elements of the proposed 2013 Parks and Recreation Strategic Service Plan, and Mayor and Council direction. The CIP implements Mayor and Council policy by developing facilities that provide for family and youth recreation, by supporting inner-city revitalization and public art, and by using arid and semi-arid landscaping wherever possible to conserve water.

The five-year capital program of \$35.7 million is fully funded, primarily from city and county general obligation bonds.

The Parks and Recreation Department maintains a ten-year CIP as a working-planning tool and has identified an additional \$106.1 million in projects for the near future. However, no funding for these projects is currently available. The department will continue to investigate and encourage cost-effective approaches to the development of recreation resources, such as those involving the private sector and community service providers.

The impact of this five-year CIP on future operating budgets is estimated at \$143,000 in Fiscal Year 2004, increasing to \$3.7 million by Fiscal Year 2008. See the following page for the impact by project and funding source.

## Parks and Recreation: CIP Impact on the Operating Budget

When the following projects are completed, they will require funding for annual operations. The estimated impact of these projects on the operating budget over the next five years is shown in the table below.

(\$000)

<b>Project Name</b>	<b>Year 1 FY 2004</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>	<b>Five Year Total</b>
Adaptive Recreation Center	-	450.0	900.0	900.0	900.0	<b>3,150.0</b>
Case Natural Resource Park Improvements	1.0	1.0	1.0	1.0	1.0	<b>5.0</b>
Catalina High School Track and Field Lighting	8.0	8.0	8.0	8.0	8.0	<b>40.0</b>
Christopher Columbus Park	-	268.0	268.0	268.0	268.0	<b>1,072.0</b>
Desert Vista/Southwest District Park	-	110.0	110.0	110.0	110.0	<b>440.0</b>
El Cortez Heights	-	8.0	8.2	8.4	8.6	<b>33.2</b>
El Pueblo Center Expansion	-	113.0	226.0	226.0	226.0	<b>791.0</b>
Freedom Park Center	-	230.0	230.0	230.0	230.0	<b>920.0</b>
General Instruments Site Improvements	7.0	7.0	7.0	7.0	7.0	<b>35.0</b>
Golf Links Sports Center Parking Improvements	-	2.5	2.5	2.5	2.5	<b>10.0</b>
Iron Horse Neighborhood Improvements	-	8.0	8.2	8.4	8.6	<b>33.2</b>
La Pilita Park	-	8.0	8.2	8.4	8.6	<b>33.2</b>
Lincoln Park/William Clements Center Expansion	-	440.2	440.2	440.2	440.2	<b>1,760.8</b>
Miramonte Natural Resource Park	8.0	8.0	8.0	8.0	8.0	<b>40.0</b>
Miscellaneous Parks Development/Renovations	32.0	52.0	72.0	72.0	72.0	<b>300.0</b>
New Comfort Stations	15.0	20.0	20.0	20.0	20.0	<b>95.0</b>
North Central Natural Resource Park	50.0	80.0	80.0	80.0	80.0	<b>370.0</b>
Northwest Neighborhood Center	-	78.0	118.0	118.0	118.0	<b>432.0</b>
Playground Equipment Replacement	2.0	3.0	4.0	4.0	5.0	<b>18.0</b>
Quincie Douglas Center Pool Facility	-	150.0	150.0	150.0	150.0	<b>600.0</b>
Rillito Park at Columbus Boulevard District Park	-	200.0	200.0	200.0	200.0	<b>800.0</b>
Rita Ranch Park Expansion	-	33.5	33.5	33.5	33.5	<b>134.0</b>
Rodeo Grounds Improvements	-	44.0	44.0	44.0	44.0	<b>176.0</b>
Santa Cruz River Sports Park	-	310.0	310.0	310.0	310.0	<b>1,240.0</b>
Tucson Diversion Channel Soccer Field	-	76.3	76.3	76.3	76.3	<b>305.2</b>
Udall Park Facility Improvements	20.0	20.0	20.0	20.0	20.0	<b>100.0</b>
Udall Park Play Field Improvements	-	145.0	145.0	145.0	145.0	<b>580.0</b>
Udall Park and Center Expansion	-	204.0	204.0	204.0	204.0	<b>816.0</b>
<b>Total</b>	<b>143.0</b>	<b>3,077.5</b>	<b>3,702.1</b>	<b>3,702.7</b>	<b>3,704.3</b>	<b>14,329.6</b>

<b>Source of Funds Summary</b>						
General Fund	143.0	3,077.5	3,702.1	3,702.7	3,704.3	<b>14,329.6</b>
<b>Total</b>	<b>143.0</b>	<b>3,077.5</b>	<b>3,702.1</b>	<b>3,702.7</b>	<b>3,704.3</b>	<b>14,329.6</b>

**Pima County Parks Bond Program**  
**City Parks and Recreation Projects**  
(\$000)

<b>Project Name</b>	<b>Project Total</b>
Christopher Columbus Park	\$ 1,950.0
Freedom Park Center Improvements	1,365.0
Lincoln Park/William Clements Center Expansion	2,438.0
Quincie Douglas Center Pool Facility	1,807.5
Rillito Park at Columbus Boulevard District Park	1,462.5
Santa Cruz River Sports Park	828.5
Tucson Diversion Channel Soccer Field	487.5
Udall Park Play Field Improvements	268.1
<b>Total</b>	<b>\$ 10,607.1</b>

NOTES: The projects listed above are included in the five-year capital improvement program (CIP) for the Parks and Recreation Department, because they will be administered by the City of Tucson. The total amount of authorized Pima County Bonds for projects within the city limits was \$17,850,000, with \$3,000,000 for athletic and play field improvements to be administered by Pima County. Project amounts are net of Pima County's administrative charges. Projects that have been completed are no longer shown in this five year CIP.

This listing does not include any Pima County neighborhood reinvestment bond funds that may be spent within the city.



**Map Legend**

**Parks and Recreation**

<u>Project Name</u>	<u>Year to be Completed</u>	<u>Project Name</u>	<u>Year to be Completed</u>
1. Adaptive Recreation Center	FY 2005	4. Lincoln Park/William Clements Center Expansion	FY 2005
2. El Pueblo Center Expansion	FY 2005	5. Northwest Neighborhood Center	FY 2004
3. Freedom Park Center Improvements	FY 2004	6. Udall Park and Center Expansion	FY 2004

## Parks and Recreation

### Five-Year Capital Improvement Program

(\$000)

Program Area	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Parks and Recreation - Parks Development	6,152.7	19,172.1	12,173.7	<b>31,345.8</b>	4,357.5	-	-	-	<b>35,703.3</b>	83,388.1	<b>125,244.1</b>
Parks and Recreation - Zoo Improvements	-	-	-	-	-	-	-	-	-	22,746.0	<b>22,746.0</b>
<b>Department Total</b>	<b>6,152.7</b>	<b>19,172.1</b>	<b>12,173.7</b>	<b>31,345.8</b>	<b>4,357.5</b>	-	-	-	<b>35,703.3</b>	<b>106,134.1</b>	<b>147,990.1</b>

Source of Funds Summary											
1994 General Obligation Bond Funds - Interest	115.5	11.8	-	<b>11.8</b>	-	-	-	-	<b>11.8</b>	-	127.3
2000 General Obligation Bond Funds	5,523.8	12,160.6	7,756.5	<b>19,917.1</b>	3,196.5	-	-	-	<b>23,113.6</b>	-	28,637.4
Capital Agreement Fund	-	1,000.0	800.0	<b>1,800.0</b>	-	-	-	-	<b>1,800.0</b>	-	1,800.0
Capital Agreement Fund: Pima County Bonds	470.2	5,999.7	3,426.2	<b>9,425.9</b>	1,161.0	-	-	-	<b>10,586.9</b>	-	11,057.1
General Fund	7.7	-	-	-	-	-	-	-	-	-	7.7
Highway User Revenue Fund	35.5	-	-	-	-	-	-	-	-	-	35.5
Miscellaneous Non-Federal Grants	-	-	191.0	<b>191.0</b>	-	-	-	-	<b>191.0</b>	-	191.0
Unfunded	-	-	-	-	-	-	-	-	-	106,134.1	106,134.1
<b>Department Total</b>	<b>6,152.7</b>	<b>19,172.1</b>	<b>12,173.7</b>	<b>31,345.8</b>	<b>4,357.5</b>	-	-	-	<b>35,703.3</b>	<b>106,134.1</b>	<b>147,990.1</b>

## Parks and Recreation - Parks Development

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Adaptive Recreation Center</b> 2000 General Obligation Bond Funds	760.3	3,355.7	1,064.0	<b>4,419.7</b>	400.0	-	-	-	<b>4,819.7</b>	-	5,580.0
	<b>760.3</b>	<b>3,355.7</b>	<b>1,064.0</b>	<b>4,419.7</b>	<b>400.0</b>	-	-	-	<b>4,819.7</b>	-	<b>5,580.0</b>
<b>Adaptive Recreation Center Expansion</b> Unfunded	-	-	-	-	-	-	-	-	-	7,987.1	7,987.1
	-	-	-	-	-	-	-	-	-	<b>7,987.1</b>	<b>7,987.1</b>
<b>Baseball Fields Development (Adult)</b> Unfunded	-	-	-	-	-	-	-	-	-	4,880.0	4,880.0
	-	-	-	-	-	-	-	-	-	<b>4,880.0</b>	<b>4,880.0</b>
<b>Baseball Fields Development (Youth)</b> Unfunded	-	-	-	-	-	-	-	-	-	1,350.0	1,350.0
	-	-	-	-	-	-	-	-	-	<b>1,350.0</b>	<b>1,350.0</b>
<b>Case Natural Resource Park Improvements</b> 2000 General Obligation Bond Funds	29.9	170.1	-	<b>170.1</b>	-	-	-	-	<b>170.1</b>	-	200.0
	<b>29.9</b>	<b>170.1</b>	-	<b>170.1</b>	-	-	-	-	<b>170.1</b>	-	<b>200.0</b>
<b>Catalina High School Track and Field Lighting</b> 2000 General Obligation Bond Funds	52.1	267.9	-	<b>267.9</b>	-	-	-	-	<b>267.9</b>	-	320.0
	<b>52.1</b>	<b>267.9</b>	-	<b>267.9</b>	-	-	-	-	<b>267.9</b>	-	<b>320.0</b>
<b>Cherry Avenue Center Expansion</b> Unfunded	-	-	-	-	-	-	-	-	-	700.0	700.0
	-	-	-	-	-	-	-	-	-	<b>700.0</b>	<b>700.0</b>
<b>Christopher Columbus Park</b> Capital Agreement Fund: Pima County Bonds	152.1	812.9	985.0	<b>1,797.9</b>	-	-	-	-	<b>1,797.9</b>	-	1,950.0
	<b>152.1</b>	<b>812.9</b>	<b>985.0</b>	<b>1,797.9</b>	-	-	-	-	<b>1,797.9</b>	-	<b>1,950.0</b>
<b>Desert Vista/Southwest District Park</b> 2000 General Obligation Bond Funds	500.0	-	500.0	<b>500.0</b>	-	-	-	-	<b>500.0</b>	-	1,000.0
	<b>500.0</b>	-	<b>500.0</b>	<b>500.0</b>	-	-	-	-	<b>500.0</b>	-	<b>1,000.0</b>



## Parks and Recreation - Parks Development

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Eastside Senior Center Recreation Facility</b>											
2000 General Obligation Bond Funds	15.4	844.6	230.0	<b>1,074.6</b>	410.0	-	-	-	<b>1,484.6</b>	-	1,500.0
	<b>15.4</b>	<b>844.6</b>	<b>230.0</b>	<b>1,074.6</b>	<b>410.0</b>	-	-	-	<b>1,484.6</b>	-	<b>1,500.0</b>
<b>El Cortez Heights</b>											
Capital Agreement Fund: Pima County Bonds	10.6	139.4	-	<b>139.4</b>	-	-	-	-	<b>139.4</b>	-	150.0
	<b>10.6</b>	<b>139.4</b>	-	<b>139.4</b>	-	-	-	-	<b>139.4</b>	-	<b>150.0</b>
<b>El Pueblo Center Expansion</b>											
2000 General Obligation Bond Funds	172.8	1,343.2	609.0	<b>1,952.2</b>	500.0	-	-	-	<b>2,452.2</b>	-	2,625.0
	<b>172.8</b>	<b>1,343.2</b>	<b>609.0</b>	<b>1,952.2</b>	<b>500.0</b>	-	-	-	<b>2,452.2</b>	-	<b>2,625.0</b>
<b>Freedom Park Center</b>											
1994 General Obligation Bond Funds - Interest	100.0	-	-	-	-	-	-	-	-	-	100.0
Capital Agreement Fund: Pima County Bonds	100.0	1,030.0	235.0	<b>1,265.0</b>	-	-	-	-	<b>1,265.0</b>	-	1,365.0
	<b>200.0</b>	<b>1,030.0</b>	<b>235.0</b>	<b>1,265.0</b>	-	-	-	-	<b>1,265.0</b>	-	<b>1,465.0</b>
<b>General Instruments Site Improvements</b>											
2000 General Obligation Bond Funds	-	200.0	-	<b>200.0</b>	-	-	-	-	<b>200.0</b>	-	200.0
	-	<b>200.0</b>	-	<b>200.0</b>	-	-	-	-	<b>200.0</b>	-	<b>200.0</b>
<b>Golf Links Sports Center Parking Improvements</b>											
2000 General Obligation Bond Funds	-	-	210.0	<b>210.0</b>	-	-	-	-	<b>210.0</b>	-	210.0
	-	-	<b>210.0</b>	<b>210.0</b>	-	-	-	-	<b>210.0</b>	-	<b>210.0</b>
<b>Greenway and Natural Resource Area Acquisition</b>											
2000 General Obligation Bond Funds	95.4	198.1	335.5	<b>533.6</b>	289.5	-	-	-	<b>823.1</b>	-	918.5
Highway User Revenue Fund	35.5	-	-	-	-	-	-	-	-	-	35.5
	<b>130.9</b>	<b>198.1</b>	<b>335.5</b>	<b>533.6</b>	<b>289.5</b>	-	-	-	<b>823.1</b>	-	<b>954.0</b>
<b>Hi Corbett Field Parking Garage</b>											
Unfunded	-	-	-	-	-	-	-	-	-	10,000.0	10,000.0
	-	-	-	-	-	-	-	-	-	<b>10,000.0</b>	<b>10,000.0</b>

## Parks and Recreation - Parks Development

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Himmel Park Irrigation Replacement</b> 2000 General Obligation Bond Funds	22.0	20.0	153.0	<b>173.0</b>	-	-	-	-	<b>173.0</b>	-	195.0
	<b>22.0</b>	<b>20.0</b>	<b>153.0</b>	<b>173.0</b>	-	-	-	-	<b>173.0</b>	-	<b>195.0</b>
<b>Iron Horse Neighborhood Improvements</b> Capital Agreement Fund: Pima County Bonds	140.0	10.0	-	<b>10.0</b>	-	-	-	-	<b>10.0</b>	-	150.0
	<b>140.0</b>	<b>10.0</b>	-	<b>10.0</b>	-	-	-	-	<b>10.0</b>	-	<b>150.0</b>
<b>Irrigation System Replacement</b> Unfunded	-	-	-	-	-	-	-	-	-	2,080.0	2,080.0
	-	-	-	-	-	-	-	-	-	<b>2,080.0</b>	<b>2,080.0</b>
<b>Jacobs Park Pool Replacement</b> 2000 General Obligation Bond Funds	19.7	583.3	997.0	<b>1,580.3</b>	-	-	-	-	<b>1,580.3</b>	-	1,600.0
	<b>19.7</b>	<b>583.3</b>	<b>997.0</b>	<b>1,580.3</b>	-	-	-	-	<b>1,580.3</b>	-	<b>1,600.0</b>
<b>La Pilita Park</b> Capital Agreement Fund: Pima County Bonds	10.0	10.0	130.0	<b>140.0</b>	-	-	-	-	<b>140.0</b>	-	150.0
	<b>10.0</b>	<b>10.0</b>	<b>130.0</b>	<b>140.0</b>	-	-	-	-	<b>140.0</b>	-	<b>150.0</b>
<b>Lighting System Improvements</b> Unfunded	-	-	-	-	-	-	-	-	-	1,485.0	1,485.0
	-	-	-	-	-	-	-	-	-	<b>1,485.0</b>	<b>1,485.0</b>
<b>Lincoln Park/William Clements Center Expansion</b> 2000 General Obligation Bond Funds	224.6	825.4	60.0	<b>885.4</b>	350.0	-	-	-	<b>1,235.4</b>	-	1,460.0
Capital Agreement Fund	-	-	800.0	<b>800.0</b>	-	-	-	-	<b>800.0</b>	-	800.0
Capital Agreement Fund: Pima County Bonds	19.2	905.8	1,513.0	<b>2,418.8</b>	-	-	-	-	<b>2,418.8</b>	-	2,438.0
	<b>243.8</b>	<b>1,731.2</b>	<b>2,373.0</b>	<b>4,104.2</b>	<b>350.0</b>	-	-	-	<b>4,454.2</b>	-	<b>4,698.0</b>
<b>Mansfield Park Irrigation Replacement</b> 2000 General Obligation Bond Funds	25.0	195.0	-	<b>195.0</b>	-	-	-	-	<b>195.0</b>	-	220.0
	<b>25.0</b>	<b>195.0</b>	-	<b>195.0</b>	-	-	-	-	<b>195.0</b>	-	<b>220.0</b>

## Parks and Recreation - Parks Development

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Mansfield Park Upgrade</b>											
2000 General Obligation Bond Funds	0.6	174.4	75.0	<b>249.4</b>	-	-	-	-	<b>249.4</b>	-	250.0
	<b>0.6</b>	<b>174.4</b>	<b>75.0</b>	<b>249.4</b>	-	-	-	-	<b>249.4</b>	-	<b>250.0</b>
<b>Miramonte Natural Resource Park</b>											
2000 General Obligation Bond Funds	51.5	55.0	-	<b>55.0</b>	-	-	-	-	<b>55.0</b>	-	106.5
	<b>51.5</b>	<b>55.0</b>	-	<b>55.0</b>	-	-	-	-	<b>55.0</b>	-	<b>106.5</b>
<b>Miscellaneous Parks Development/Renovations</b>											
2000 General Obligation Bond Funds	411.7	37.7	235.0	<b>272.7</b>	-	-	-	-	<b>272.7</b>	-	684.4
	<b>411.7</b>	<b>37.7</b>	<b>235.0</b>	<b>272.7</b>	-	-	-	-	<b>272.7</b>	-	<b>684.4</b>
<b>Multiple Use Paths</b>											
Unfunded	-	-	-	-	-	-	-	-	-	4,340.0	4,340.0
	-	-	-	-	-	-	-	-	-	<b>4,340.0</b>	<b>4,340.0</b>
<b>Neighborhood Park and Recreation Improvements</b>											
Unfunded	-	-	-	-	-	-	-	-	-	3,712.0	3,712.0
	-	-	-	-	-	-	-	-	-	<b>3,712.0</b>	<b>3,712.0</b>
<b>New Comfort Stations</b>											
2000 General Obligation Bond Funds	360.0	177.0	219.0	<b>396.0</b>	224.0	-	-	-	<b>620.0</b>	-	980.0
	<b>360.0</b>	<b>177.0</b>	<b>219.0</b>	<b>396.0</b>	<b>224.0</b>	-	-	-	<b>620.0</b>	-	<b>980.0</b>
<b>North Central Natural Resource Park</b>											
1994 General Obligation Bond Funds - Interest	15.5	11.8	-	<b>11.8</b>	-	-	-	-	<b>11.8</b>	-	27.3
2000 General Obligation Bond Funds	79.3	120.7	-	<b>120.7</b>	-	-	-	-	<b>120.7</b>	-	200.0
General Fund	7.7	-	-	-	-	-	-	-	-	-	7.7
Miscellaneous Non-Federal Grants	-	-	191.0	<b>191.0</b>	-	-	-	-	<b>191.0</b>	-	191.0
	<b>102.5</b>	<b>132.5</b>	<b>191.0</b>	<b>323.5</b>	-	-	-	-	<b>323.5</b>	-	<b>426.0</b>
<b>North Central Natural Resource Park Expansion</b>											
Unfunded	-	-	-	-	-	-	-	-	-	1,374.0	1,374.0
	-	-	-	-	-	-	-	-	-	<b>1,374.0</b>	<b>1,374.0</b>

## Parks and Recreation - Parks Development

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Northwest Neighborhood Center</b> 2000 General Obligation Bond Funds	231.4	1,324.6	500.0	<b>1,824.6</b>	-	-	-	-	<b>1,824.6</b>	-	2,056.0
	<b>231.4</b>	<b>1,324.6</b>	<b>500.0</b>	<b>1,824.6</b>	-	-	-	-	<b>1,824.6</b>	-	<b>2,056.0</b>
<b>Northwest Neighborhood Center Expansion</b> Unfunded	-	-	-	-	-	-	-	-	-	3,760.0	3,760.0
	-	-	-	-	-	-	-	-	-	<b>3,760.0</b>	<b>3,760.0</b>
<b>Oury and Ormsby Centers</b> 2000 General Obligation Bond Funds	-	50.0	-	<b>50.0</b>	-	-	-	-	<b>50.0</b>	-	50.0
	-	<b>50.0</b>	-	<b>50.0</b>	-	-	-	-	<b>50.0</b>	-	<b>50.0</b>
<b>Performing Arts Center Renovation</b> Unfunded	-	-	-	-	-	-	-	-	-	1,850.0	1,850.0
	-	-	-	-	-	-	-	-	-	<b>1,850.0</b>	<b>1,850.0</b>
<b>Playground Development</b> Unfunded	-	-	-	-	-	-	-	-	-	8,725.0	8,725.0
	-	-	-	-	-	-	-	-	-	<b>8,725.0</b>	<b>8,725.0</b>
<b>Playground Equipment Replacement</b> 2000 General Obligation Bond Funds	217.0	30.0	60.0	<b>90.0</b>	23.0	-	-	-	<b>113.0</b>	-	330.0
	<b>217.0</b>	<b>30.0</b>	<b>60.0</b>	<b>90.0</b>	<b>23.0</b>	-	-	-	<b>113.0</b>	-	<b>330.0</b>
<b>Quincie Douglas Center Pool Facility</b> Capital Agreement Fund	-	1,000.0	-	<b>1,000.0</b>	-	-	-	-	<b>1,000.0</b>	-	1,000.0
Capital Agreement Fund: Pima County Bonds	30.7	1,638.8	138.0	<b>1,776.8</b>	-	-	-	-	<b>1,776.8</b>	-	1,807.5
	<b>30.7</b>	<b>2,638.8</b>	<b>138.0</b>	<b>2,776.8</b>	-	-	-	-	<b>2,776.8</b>	-	<b>2,807.5</b>
<b>Recreation Center Development</b> Unfunded	-	-	-	-	-	-	-	-	-	19,730.0	19,730.0
	-	-	-	-	-	-	-	-	-	<b>19,730.0</b>	<b>19,730.0</b>
<b>Reid Park Renovation</b> 2000 General Obligation Bond Funds	465.0	1,040.0	1,000.0	<b>2,040.0</b>	-	-	-	-	<b>2,040.0</b>	-	2,505.0
	<b>465.0</b>	<b>1,040.0</b>	<b>1,000.0</b>	<b>2,040.0</b>	-	-	-	-	<b>2,040.0</b>	-	<b>2,505.0</b>

## Parks and Recreation - Parks Development

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Reuse of Landfill Areas</b>											
2000 General Obligation Bond Funds	-	-	207.0	<b>207.0</b>	-	-	-	-	<b>207.0</b>	-	207.0
	-	-	<b>207.0</b>	<b>207.0</b>	-	-	-	-	<b>207.0</b>	-	<b>207.0</b>
<b>Rillito Park at Columbus Boulevard District Park</b>											
Capital Agreement Fund: Pima County Bonds	-	322.5	-	<b>322.5</b>	1,140.0	-	-	-	<b>1,462.5</b>	-	1,462.5
	-	<b>322.5</b>	-	<b>322.5</b>	<b>1,140.0</b>	-	-	-	<b>1,462.5</b>	-	<b>1,462.5</b>
<b>Rita Ranch Park Expansion</b>											
2000 General Obligation Bond Funds	25.1	312.9	462.0	<b>774.9</b>	-	-	-	-	<b>774.9</b>	-	800.0
	<b>25.1</b>	<b>312.9</b>	<b>462.0</b>	<b>774.9</b>	-	-	-	-	<b>774.9</b>	-	<b>800.0</b>
<b>Rodeo Grounds Improvements</b>											
2000 General Obligation Bond Funds	685.0	75.0	240.0	<b>315.0</b>	-	-	-	-	<b>315.0</b>	-	1,000.0
	<b>685.0</b>	<b>75.0</b>	<b>240.0</b>	<b>315.0</b>	-	-	-	-	<b>315.0</b>	-	<b>1,000.0</b>
<b>Santa Cruz River Sports Park</b>											
2000 General Obligation Bond Funds	-	-	-	-	1,000.0	-	-	-	<b>1,000.0</b>	-	1,000.0
Capital Agreement Fund: Pima County Bonds	1.4	806.1	-	<b>806.1</b>	21.0	-	-	-	<b>827.1</b>	-	828.5
	<b>1.4</b>	<b>806.1</b>	-	<b>806.1</b>	<b>1,021.0</b>	-	-	-	<b>1,827.1</b>	-	<b>1,828.5</b>
<b>Soccer Field Development</b>											
Unfunded	-	-	-	-	-	-	-	-	-	1,850.0	1,850.0
	-	-	-	-	-	-	-	-	-	<b>1,850.0</b>	<b>1,850.0</b>
<b>Softball Field Development</b>											
Unfunded	-	-	-	-	-	-	-	-	-	3,780.0	3,780.0
	-	-	-	-	-	-	-	-	-	<b>3,780.0</b>	<b>3,780.0</b>
<b>Southeast Regional Recreational Amenities</b>											
Unfunded	-	-	-	-	-	-	-	-	-	4,000.0	4,000.0
	-	-	-	-	-	-	-	-	-	<b>4,000.0</b>	<b>4,000.0</b>
<b>Swimming Pool Modifications</b>											
Unfunded	-	-	-	-	-	-	-	-	-	1,785.0	1,785.0
	-	-	-	-	-	-	-	-	-	<b>1,785.0</b>	<b>1,785.0</b>

## Parks and Recreation - Parks Development

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Tucson Diversion Channel Soccer Field</b>											
Capital Agreement Fund: Pima County Bonds	0.2	62.1	425.2	<b>487.3</b>	-	-	-	-	<b>487.3</b>	-	487.5
	<b>0.2</b>	<b>62.1</b>	<b>425.2</b>	<b>487.3</b>	-	-	-	-	<b>487.3</b>	-	<b>487.5</b>
<b>Udall Park Facility Improvements</b>											
2000 General Obligation Bond Funds	80.0	360.0	-	<b>360.0</b>	-	-	-	-	<b>360.0</b>	-	440.0
	<b>80.0</b>	<b>360.0</b>	-	<b>360.0</b>	-	-	-	-	<b>360.0</b>	-	<b>440.0</b>
<b>Udall Park Play Field Improvements</b>											
Capital Agreement Fund: Pima County Bonds	6.0	262.1	-	<b>262.1</b>	-	-	-	-	<b>262.1</b>	-	268.1
	<b>6.0</b>	<b>262.1</b>	-	<b>262.1</b>	-	-	-	-	<b>262.1</b>	-	<b>268.1</b>
<b>Udall Park and Center Expansion</b>											
2000 General Obligation Bond Funds	1,000.0	400.0	600.0	<b>1,000.0</b>	-	-	-	-	<b>1,000.0</b>	-	2,000.0
	<b>1,000.0</b>	<b>400.0</b>	<b>600.0</b>	<b>1,000.0</b>	-	-	-	-	<b>1,000.0</b>	-	<b>2,000.0</b>
<b>Program Area Total</b>	<b>6,152.7</b>	<b>19,172.1</b>	<b>12,173.7</b>	<b>31,345.8</b>	<b>4,357.5</b>	-	-	-	<b>35,703.3</b>	<b>83,388.1</b>	<b>125,244.1</b>
<b>Source of Funds Summary</b>											
1994 General Obligation Bond Funds - Interest	115.5	11.8	-	<b>11.8</b>	-	-	-	-	<b>11.8</b>	-	127.3
2000 General Obligation Bond Funds	5,523.8	12,160.6	7,756.5	<b>19,917.1</b>	3,196.5	-	-	-	<b>23,113.6</b>	-	28,637.4
Capital Agreement Fund	-	1,000.0	800.0	<b>1,800.0</b>	-	-	-	-	<b>1,800.0</b>	-	1,800.0
Capital Agreement Fund: Pima County Bonds	470.2	5,999.7	3,426.2	<b>9,425.9</b>	1,161.0	-	-	-	<b>10,586.9</b>	-	11,057.1
General Fund	7.7	-	-	-	-	-	-	-	-	-	7.7
Highway User Revenue Fund	35.5	-	-	-	-	-	-	-	-	-	35.5
Miscellaneous Non-Federal Grants	-	-	191.0	<b>191.0</b>	-	-	-	-	<b>191.0</b>	-	191.0
Unfunded	-	-	-	-	-	-	-	-	-	83,388.1	83,388.1
<b>Program Area Total</b>	<b>6,152.7</b>	<b>19,172.1</b>	<b>12,173.7</b>	<b>31,345.8</b>	<b>4,357.5</b>	-	-	-	<b>35,703.3</b>	<b>83,388.1</b>	<b>125,244.1</b>

## Parks and Recreation - Parks Development

(\$000)

## Adaptive Recreation Center

**Description:**

Design and construct a 75,550 square foot recreation center with a special focus on serving the physically-challenged. Amenities will include an aquatics center, entry lobby with restrooms and waiting area, locker and shower facilities, indoor therapeutic pool, outdoor shaded recreational pool, landscaping, and a parking area.

**Justification:**

This project is needed to provide recreational and social needs for the physically-challenged. Initiated by a grass-roots effort in the physically-challenged community, this facility will be a one-of-a-kind facility in Tucson and southern Arizona.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	760.3	3,355.7	1,064.0	4,419.7	400.0	-	-	-	4,819.7	-	5,580.0
<b>Total</b>	760.3	3,355.7	1,064.0	4,419.7	400.0	-	-	-	4,819.7	-	5,580.0

## Adaptive Recreation Center Expansion

**Description:**

Design and construct an expansion of the Adaptive Recreation Center, including a gymnasium, fitness room, aerobics/dance room, crafts room, game room, community meeting room, staff offices, landscaping, and a parking area.

**Justification:**

This project will expand the center, which is designed to meet the recreational and social needs of the physically-challenged.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	-	-	7,987.1	7,987.1
<b>Total</b>	-	-	-	-	-	-	-	-	-	7,987.1	7,987.1

## Parks and Recreation - Parks Development

(\$000)

<b>Baseball Fields Development (Adult)</b> <b>Description:</b> Design and construct five adult baseball fields. Selection of individual sites will be based on facility analysis, national standards, and public input.  <b>Justification:</b> This project was identified in the 2012 Parks and Recreation Strategic Service Plan.										<b>Project ID:</b> R913 <b>Start Date:</b> 7/10 <b>End Date:</b> 6/14  <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008				
Unfunded	-	-	-	-	-	-	-	-	-	4,880.0	4,880.0	
Total	-	-	-	-	-	-	-	-	-	4,880.0	4,880.0	

<div><div><b>Baseball Fields Development (Youth)</b> <b>Description:</b> Design and construct ten new youth baseball fields. Individual sites will be identified based on facility analysis, national standards, and public input.</div><div><b>Project ID:</b> R938 <b>Start Date:</b> 7/09 <b>End Date:</b> 6/13  <b>Location:</b> Citywide</div></div> <div><b>Justification:</b> This project was identified in the 2012 Parks and Recreation Strategic Service Plan.</div>											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	-	-	1,350.0	1,350.0
Total	-	-	-	-	-	-	-	-	-	1,350.0	1,350.0



## Parks and Recreation - Parks Development

(\$000)

<b>Case Natural Resource Park Improvements</b>										<b>Project ID:</b> R920		
<b>Description:</b> Design and construct improvemenst to Case Natural Resource Park, limited to the southwest section, as approved by the Mayor and Council in the 1998 Case Park Master Plan update and reaffirmed by adoption of Resolution 19410 in November 2002. No other improvements are approved or funded for this location.												
<b>Justification:</b> This project is needed to provide limited natural resouce park and recreation amenities in an area of the city with minimal park areas.												
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
2000 General Obligation Bond Funds	29.9	170.1	-	170.1	-	-	-	-	170.1	-	200.0	
<b>Total</b>	29.9	170.1	-	170.1	-	-	-	-	170.1	-	200.0	

<b>Catalina High School Track and Field Lighting</b>										<b>Project ID:</b> R031		
<b>Description:</b> Design and construct lighting systems for the Catalina High School softball field and track.												
<b>Justification:</b> This project is needed to provide park and recreation amenities in an area of the city with minimal park areas. A joint-use partnership with Tucson Unified School District will maximize the dollars invested.												
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
2000 General Obligation Bond Funds	52.1	267.9	-	267.9	-	-	-	-	267.9	-	320.0	
<b>Total</b>	52.1	267.9	-	267.9	-	-	-	-	267.9	-	320.0	

## Parks and Recreation - Parks Development

(S000)

<b>Cherry Avenue Center Expansion</b> <b>Description:</b> Design and construct a 2,500 square foot expansion of the Cherry Avenue Center, including a room for toddlers, a library/wellness room, staff offices, reception area, landscaping, and parking area.  <b>Justification:</b> This expansion will complete the Cherry Avenue Center Master Plan, which calls for this facility to provide a full range of programs and services to the surrounding community.									<b>Project ID:</b> R935 <b>Start Date:</b> 7/09 <b>End Date:</b> 6/12 <b>Location:</b> Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	-	-	700.0	700.0
<b>Total</b>	-	-	-	-	-	-	-	-	-	700.0	700.0

<b>Christopher Columbus Park</b> <b>Description:</b> Design and construct new park amenities within the existing 300-acre Christopher Columbus Park located at 4600 North Silverbell Road.  <b>Justification:</b> These new amenities will provide much needed park facilities to the community. The conceptual master plan balances natural resource conservation and active recreation use.									<b>Project ID:</b> R025 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/04 <b>Location:</b> Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Capital Agreement Fund: Pima County Bonds	152.1	812.9	985.0	1,797.9	-	-	-	-	1,797.9	-	1,950.0
<b>Total</b>	152.1	812.9	985.0	1,797.9	-	-	-	-	1,797.9	-	1,950.0

## Parks and Recreation - Parks Development

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<b>Desert Vista/Southwest District Park</b> <b>Description:</b> Construct, in partnership with Pima Community College (PCC), a joint-use recreational park area, including soccer and softball fields, restrooms, and a parking area, located on PCC's Desert Vista campus. PCC has pledged to contribute funding for the design of this park.  <b>Justification:</b> This joint-use facility will provide recreational facilities to PCC students and residents of the surrounding Midvale area.									<b>Project ID:</b> R908 <b>Start Date:</b> 7/02 <b>End Date:</b> 1/04 <b>Location:</b> Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	500.0	-	500.0	500.0	-	-	-	-	500.0	-	1,000.0
<b>Total</b>	500.0	-	500.0	500.0	-	-	-	-	500.0	-	1,000.0

<b>Eastside Senior Center Recreation Facility</b> <b>Description:</b> Develop a master plan, and acquire land for a new senior center recreation facility on the city's eastside.  <b>Justification:</b> This project will expand senior recreational and social services in an area of high demand.									<b>Project ID:</b> R921 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/05 <b>Location:</b> Wards 2 and 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	15.4	844.6	230.0	1,074.6	410.0	-	-	-	1,484.6	-	1,500.0
<b>Total</b>	15.4	844.6	230.0	1,074.6	410.0	-	-	-	1,484.6	-	1,500.0

## Parks and Recreation - Parks Development

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<b>El Cortez Heights</b> <b>Description:</b> Design and construction miscellaneous improvements as recommended by the El Cortez Neighborhood Association including a playground, pedestrian pathway, landscaping, and traffic mitigation circle and speed humps. Irrigation improvements will also be made at Mansfield Park.  <b>Justification:</b> The El Cortez Neighborhood Association received an award from Pima County Neighborhood Reinvestment Funds. The project will be administered and the improvements maintained by the City of Tucson per an intergovernmental agreement.									<b>Project ID:</b> R053 <b>Start Date:</b> 11/02 <b>End Date:</b> 10/04 <b>Location:</b> Ward 3		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Capital Agreement Fund: Pima County Bonds	10.6	139.4	-	139.4	-	-	-	-	139.4	-	150.0
<b>Total</b>	10.6	139.4	-	139.4	-	-	-	-	139.4	-	150.0

<b>El Pueblo Center Expansion</b> <b>Description:</b> Design and construct expansion of the El Pueblo Center, including a 5,490 square foot senior center with an entry lobby, social lounge, resource/computer room, multi-use area with a kitchenette, staff offices, public restrooms, landscaping, a parking area, and a comfort station.  <b>Justification:</b> This expansion will accomodate the increased needs of the senior citizen population of the surrounding area.									<b>Project ID:</b> R918 <b>Start Date:</b> 7/00 <b>End Date:</b> 12/04 <b>Location:</b> Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	172.8	1,343.2	609.0	1,952.2	500.0	-	-	-	2,452.2	-	2,625.0
<b>Total</b>	172.8	1,343.2	609.0	1,952.2	500.0	-	-	-	2,452.2	-	2,625.0

## Parks and Recreation - Parks Development

(\$000)

<b>Freedom Park Center</b> <b>Description:</b> Construct Freedom Park Center, a 11,650 square feet facility that will include space for educational, social service, and recreational functions, a multi-use room, and office space. Community Development Block Grant funding (\$475,000) for the design of the facility has been included in the Community Services Department's operating budget. This facility will be constructed to meet the Civano Code energy efficiency standards.  <b>Justification:</b> This project will provide a recreation center for the citizens in the surrounding area.										<b>Project ID:</b> R901 <b>Start Date:</b> 7/00 <b>End Date:</b> 1/04  <b>Location:</b> Ward 5		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
1994 General Obligation Bond Funds - Interest	100.0	-	-	-	-	-	-	-	-	-	100.0	
Capital Agreement Fund: Pima County Bonds	100.0	1,030.0	235.0	1,265.0	-	-	-	-	1,265.0	-	1,365.0	
<b>Total</b>	200.0	1,030.0	235.0	1,265.0	-	-	-	-	1,265.0	-	1,465.0	

<b>General Instruments Site Improvements</b> <b>Description:</b> Design and construct a passive natural resource park area adjacent to Anklam Wash on the city's westside.  <b>Justification:</b> This project will provide natural resource park areas adjacent to neighborhoods and will allow for connectivity to other park areas.										<b>Project ID:</b> R032 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/04  <b>Location:</b> Ward 1		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
2000 General Obligation Bond Funds	-	200.0	-	200.0	-	-	-	-	200.0	-	200.0	
<b>Total</b>	-	200.0	-	200.0	-	-	-	-	200.0	-	200.0	

## Parks and Recreation - Parks Development

(\$000)

<b>Golf Links Sports Center Parking Improvements</b> <b>Description:</b> Design and construct parking area, curb, sidewalk, lighting, and roadway improvements.  <b>Justification:</b> The use of field and other recreational activities at the Golf Links Sports Complex exceeds current parking capacity during peak periods.									<b>Project ID:</b> R039 <b>Start Date:</b> 7/03 <b>End Date:</b> 6/04  <b>Location:</b> Ward 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	-	-	210.0	210.0	-	-	-	-	210.0	-	210.0
<b>Total</b>	-	-	210.0	210.0	-	-	-	-	210.0	-	210.0

<b>Greenway and Natural Resource Area Acquisition</b> <b>Description:</b> Acquire land and develop natural resource areas within the city limits. As noted in the bond election materials, natural resource areas will be developed at Miramonte Park and at Kino Parkway and 36th Street. This project also includes development at to-be-determined locations. Priorities will be developed through citizen input with Mayor and Council approval. This project is also used as a 2000 bond program master project, with drawdowns made to specific projects as they are identified. The original bond allocation for the project was \$1,025,000.  <b>Justification:</b> This project will protect and preserve selected natural resource areas that would otherwise be lost to development.									<b>Project ID:</b> R940 <b>Start Date:</b> 7/00 <b>End Date:</b> 6/05  <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	95.4	198.1	335.5	533.6	289.5	-	-	-	823.1	-	918.5
Highway User Revenue Fund	35.5	-	-	-	-	-	-	-	-	-	35.5
<b>Total</b>	130.9	198.1	335.5	533.6	289.5	-	-	-	823.1	-	954.0

## Parks and Recreation - Parks Development

(S000)

<b>Hi Corbett Field Parking Garage</b> <b>Description:</b> Design and construct a 1,400 vehicle parking garage for Hi Corbett Field activities.  <b>Justification:</b> The demand for sufficient parking at Hi Corbett Field is increasing with the addition of new facilities such as the Adaptive Recreation Center and the Cancer Survivor's Plaza.									<b>Project ID:</b> R942 <b>Start Date:</b> 7/09 <b>End Date:</b> 6/13 <b>Location:</b> Ward 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	-	-	10,000.0	10,000.0
<b>Total</b>	-	-	-	-	-	-	-	-	-	10,000.0	10,000.0

<b>Himmel Park Irrigation Replacement</b> <b>Description:</b> Design and construct a replacement irrigation system at Himmel Park.  <b>Justification:</b> Upgrading the existing irrigation system will result in decreased water use and reduced maintenance costs.									<b>Project ID:</b> R037 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/04 <b>Location:</b> Ward 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	22.0	20.0	153.0	173.0	-	-	-	-	173.0	-	195.0
<b>Total</b>	22.0	20.0	153.0	173.0	-	-	-	-	173.0	-	195.0

## Parks and Recreation - Parks Development

(\$000)

## Iron Horse Neighborhood Improvements

**Description:**

Design and construction miscellaneous improvements as recommended by the Iron Horse Neighborhood Association including ramadas, picnic tables and benches, dusk to dawn lighting, sidewalks, and landscaping.

Project ID: R912

**Start Date:** 1/02**End Date:** 7/03

**Location:** Ward 6

**Justification:**

The Iron Horse Neighborhood Association received an award from Pima County Neighborhood Reinvestment Funds. The project will be administered and the improvements maintained by the City of Tucson per an intergovernmental agreement.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Capital Agreement Fund: Pima County Bonds	140.0	10.0	-	10.0	-	-	-	-	10.0	-	150.0
<b>Total</b>	140.0	10.0	-	10.0	-	-	-	-	10.0	-	150.0

## Irrigation System Replacement

**Description:**

Replace irrigation systems at various city parks. Proposed parks for this project include Kennedy, Fort Lowell, Sears, Mirasol, and Alvernon.

Project ID: R933

**Start Date:** 7/09**End Date:** 7/12

**Location:** Citywide

**Justification:**

The proposed parks have old inefficient irrigation systems that require high maintenance. Replacing the irrigation systems will result in decreased maintenance costs, efficient use of water, and eliminate high stress to turf and trees.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	-	-	2,080.0	2,080.0
<b>Total</b>	-	-	-	-	-	-	-	-	-	2,080.0	2,080.0



## Parks and Recreation - Parks Development

(\$000)

<b>Jacobs Park Pool Replacement</b> <b>Description:</b> Design and construct a new bathhouse and 25-meter pool at Jacobs Park. Input for the design of the new bathhouse and pool will be provided by the neighborhood and the Young Men's Christian Association (YMCA).  <b>Justification:</b> A new pool facility will provide additional aquatic programs to the public and reduce annual maintenance costs.									<b>Project ID:</b> R909 <b>Start Date:</b> 7/01 <b>End Date:</b> 3/04  <b>Location:</b> Ward 3		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 General Obligation Bond Funds	19.7	583.3	997.0	1,580.3	-	-	-	-	1,580.3	-	1,600.0
<b>Total</b>	19.7	583.3	997.0	1,580.3	-	-	-	-	1,580.3	-	1,600.0

<b>La Pilita Park</b> <b>Description:</b> Construct miscellaneous improvements including a ramada, covered patio, retaining walls, planters, pavers and walkways, concrete seating areas, street lamps, and landscaping. The existing fountain will also be renovated.  <b>Justification:</b> The La Pilita Neighborhood Association and the Carrillo Elementary School received an award from Pima County Neighborhood Reinvestments funds. The project will be administered and the improvements maintained by the City of Tucson per an intergovernmental agreement.									<b>Project ID:</b> R057 <b>Start Date:</b> 5/03 <b>End Date:</b> 4/04  <b>Location:</b> Ward 6		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
Capital Agreement Fund: Pima County Bonds	10.0	10.0	130.0	140.0	-	-	-	-	140.0	-	150.0
<b>Total</b>	10.0	10.0	130.0	140.0	-	-	-	-	140.0	-	150.0

## Parks and Recreation - Parks Development

(\$000)

<b>Lighting System Improvements</b> <b>Description:</b> Install lighting system improvements in city park facilities. The parks requiring improvements include Escalante, Freedom, Jesse Owens, Kennedy, Mansfield, Murrieta, Reid, Rodeo, and Vista del Prado.  <b>Justification:</b> The replacement and upgrading of existing lighting systems will prevent system failures. Many ballfield and athletic court lighting systems were constructed in the early 1970's with donated materials and labor. The lighting systems do not meet current lighting standards, require high maintenance, and could become a safety concern.									<b>Project ID:</b> R911 <b>Start Date:</b> 7/09 <b>End Date:</b> 6/14  <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	-	-	1,485.0	1,485.0
<b>Total</b>	-	-	-	-	-	-	-	-	-	1,485.0	1,485.0

<b>Lincoln Park/William Clements Center Expansion</b> <b>Description:</b> Design and construct an expansion of the William Clements Center, including a new gymnasium with adjacent aerobic and fitness training areas, indoor walking track, table games area, restrooms, locker and shower area, lobby area, administrative offices, landscaping, and additional parking. Features identified through a public participation process, a bike jump area and partial replacement of a maintenance facility are also included. Pima Community College will contribute \$800,000 to this project.  <b>Justification:</b> This project will provide much needed recreational facilities to the southeast Tucson community and the students of Pima Community College.									<b>Project ID:</b> R030 <b>Start Date:</b> 7/00 <b>End Date:</b> 4/05  <b>Location:</b> Ward 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	224.6	825.4	60.0	885.4	350.0	-	-	-	1,235.4	-	1,460.0
Capital Agreement Fund	-	-	800.0	800.0	-	-	-	-	800.0	-	800.0
Capital Agreement Fund: Pima County Bonds	19.2	905.8	1,513.0	2,418.8	-	-	-	-	2,418.8	-	2,438.0
<b>Total</b>	243.8	1,731.2	2,373.0	4,104.2	350.0	-	-	-	4,454.2	-	4,698.0

## Parks and Recreation - Parks Development

(\$000)

<b>Mansfield Park Irrigation Replacement</b> <b>Description:</b> Design and construct a replacement pump station and irrigation system.  <b>Justification:</b> Replacing the existing antiquated irrigation system will result in reduced operating and maintenance costs.									<b>Project ID:</b> R028 <b>Start Date:</b> 7/00 <b>End Date:</b> 6/04 <b>Location:</b> Ward 3		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	25.0	195.0	-	195.0	-	-	-	-	195.0	-	220.0
<b>Total</b>	25.0	195.0	-	195.0	-	-	-	-	195.0	-	220.0

<b>Mansfield Park Upgrade</b> <b>Description:</b> Design and construct facility improvements to Mansfield Park to accommodate a regional center including drainage improvements, parking, and relocation of the playground area.  <b>Justification:</b> This project, which is the result of an extensive public participation process, will provide needed recreational amenities to area residents.									<b>Project ID:</b> R035 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/04 <b>Location:</b> Ward 3		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	0.6	174.4	75.0	249.4	-	-	-	-	249.4	-	250.0
<b>Total</b>	0.6	174.4	75.0	249.4	-	-	-	-	249.4	-	250.0

## Parks and Recreation - Parks Development

(\$000)

<b>Miramonte Natural Resource Park</b> <b>Description:</b> Design and construct a neighborhood park on Richey Boulevard and 3rd Street.  <b>Justification:</b> This project, which is a grass-roots effort by area residents, will preserve a small parcel of land as a natural resource park and will provide minimal enhancements for passive recreation.									<b>Project ID:</b> R055 <b>Start Date:</b> 3/02 <b>End Date:</b> 9/03 <b>Location:</b> Ward 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	51.5	55.0	-	55.0	-	-	-	-	55.0	-	106.5
<b>Total</b>	51.5	55.0	-	55.0	-	-	-	-	55.0	-	106.5

<b>Miscellaneous Parks Development/Renovations</b> <b>Description:</b> Conduct a citywide neighborhood park analysis, with input from the community, and construct identified upgrades, renovations, repairs, and new park features. This project is also used as a 2000 bond program master project, with drawdowns made to specific projects. The original bond allocation was \$1.4 million.  <b>Justification:</b> This project provides for needed renovations, repairs, and new park features.									<b>Project ID:</b> R914 <b>Start Date:</b> 7/00 <b>End Date:</b> 6/04 <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	411.7	37.7	235.0	272.7	-	-	-	-	272.7	-	684.4
<b>Total</b>	411.7	37.7	235.0	272.7	-	-	-	-	272.7	-	684.4

## Parks and Recreation - Parks Development

(\$000)

## Multiple Use Paths

**Description:**

Design and construct 24 miles of multiple use recreational paths. Selection of individual sites will be based on location analysis, national standards, and public input.

**Justification:**

This project was identified in the 2012 Parks and Recreation Strategic Service Plan.

**Project ID:** R016**Start Date:** 7/09**End Date:** 6/15

**Location:** Citywide

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	-	-	4,340.0	4,340.0
<b>Total</b>	-	-	-	-	-	-	-	-	-	4,340.0	4,340.0

## Neighborhood Park and Recreation Improvements

**Description:**

Design and construct improvements at park and recreational facilities in city neighborhoods. Improvements may include children's playgrounds, parking areas, ramadas, little league fields, picnic areas, comfort stations, and baseball backstops. Proposed parks for this project include Mission Manor, Palo Verde, De Anza, Groves, James Thomas, and Himmel Parks.

**Justification:**

This project is needed to improve existing neighborhood parks and provide equity in facilities and services throughout the community.

Project ID: R943

**Start Date:** 7/09**End Date:** 6/12

**Location:** Citywide

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	-	-	3,712.0	3,712.0
<b>Total</b>	-	-	-	-	-	-	-	-	-	3,712.0	3,712.0

## Parks and Recreation - Parks Development

(\$000)

<b>New Comfort Stations</b> <b>Description:</b> Design and construct comfort stations that meet Americans with Disabilities Act (ADA) standards at DeAnza, Estevan, Palo Verde, Rodeo, Menlo, and Santa Cruz River Parks.  <b>Justification:</b> New comfort stations are needed at the identified parks due to their high activity levels and inadequate existing units.									<b>Project ID:</b> R036 <b>Start Date:</b> 7/00 <b>End Date:</b> 6/05 <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	360.0	177.0	219.0	396.0	224.0	-	-	-	620.0	-	980.0
<b>Total</b>	360.0	177.0	219.0	396.0	224.0	-	-	-	620.0	-	980.0

<b>North Central Natural Resource Park</b> <b>Description:</b> Design and construct a passive natural resource park with site restoration and revegetation, trails, an entry road, a parking area, and a children's playground area with an adjacent turf area. A State Heritage Fund grant in the amount of \$191,000 has been awarded to this project.  <b>Justification:</b> This project, the result of an extensive public participation process, will provide recreational amenities in an area with a shortage of parks.									<b>Project ID:</b> R021 <b>Start Date:</b> 5/99 <b>End Date:</b> 8/03 <b>Location:</b> Ward 3		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 General Obligation Bond Funds - Interest	15.5	11.8	-	11.8	-	-	-	-	11.8	-	27.3
2000 General Obligation Bond Funds	79.3	120.7	-	120.7	-	-	-	-	120.7	-	200.0
General Fund	7.7	-	-	-	-	-	-	-	-	-	7.7
Miscellaneous Non-Federal Grants	-	-	191.0	191.0	-	-	-	-	191.0	-	191.0
<b>Total</b>	102.5	132.5	191.0	323.5	-	-	-	-	323.5	-	426.0

## Parks and Recreation - Parks Development

(S000)

<b>North Central Natural Resource Park Expansion</b> <b>Description:</b> Design and construct an expansion of a passive natural resource park with environmental education exhibits, equestrian amenities, additional picnic areas, walking trails, dog runs, a comfort station, and other recreational amenities.  <b>Justification:</b> This project will complete development of the park master plan, which identified the need for a new park in an area with a shortage of park areas.									<b>Project ID:</b> R937 <b>Start Date:</b> 7/09 <b>End Date:</b> 6/12 <b>Location:</b> Ward 3		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	-	-	1,374.0	1,374.0
<b>Total</b>	-	-	-	-	-	-	-	-	-	1,374.0	1,374.0

<b>Northwest Neighborhood Center</b> <b>Description:</b> Design and construct an enclosed gymnasium, recreational amenities, new restrooms, classrooms, storage areas, and modifications to the reception area.  <b>Justification:</b> This project will provide recreational facilities that are needed in the northwest area of the city.									<b>Project ID:</b> R953 <b>Start Date:</b> 7/00 <b>End Date:</b> 6/04 <b>Location:</b> Wards 3 and 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	231.4	1,324.6	500.0	1,824.6	-	-	-	-	1,824.6	-	2,056.0
<b>Total</b>	231.4	1,324.6	500.0	1,824.6	-	-	-	-	1,824.6	-	2,056.0

## Parks and Recreation - Parks Development

(\$000)

<b>Northwest Neighborhood Center Expansion</b> <b>Description:</b> Design and construct a swimming pool, ball field, volleyball and basketball courts, buffer area improvements, ramadas, horseshoe pits, and a multiple use pathway.  <b>Justification:</b> This project is needed to expand recreation services in an area of high demand and with a shortage of recreational facilities.									<b>Project ID:</b> R945 <b>Start Date:</b> 7/09 <b>End Date:</b> 6/12 <b>Location:</b> Ward 3		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	-	-	3,760.0	3,760.0
<b>Total</b>	-	-	-	-	-	-	-	-	-	3,760.0	3,760.0

<b>Oury and Ormsby Centers</b> <b>Description:</b> Design and plan improvements that will modernize the facilities for energy efficiency and accessibility to all users. The centers will be assessed for future demographic changes to the community and a planned park system for the region.  <b>Justification:</b> This project is needed to expand recreational facilities in this area.									<b>Project ID:</b> R936 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/04 <b>Location:</b> Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	-	50.0	-	50.0	-	-	-	-	50.0	-	50.0
<b>Total</b>	-	50.0	-	50.0	-	-	-	-	50.0	-	50.0



## Parks and Recreation - Parks Development

(\$000)

## Performing Arts Center Renovation

**Description:**

Design and construct improvements that will provide historic renovation and long-term stabilization. Renovations will include improvements to structural, mechanical, electrical, and plumbing systems.

**Justification:**

Until renovations are made, the center will remain closed and unavailable to performing arts groups.

**Project ID:** R944**Start Date:** 7/09**End Date:** 6/12

**Location:** Ward 6

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	-	-	1,850.0	1,850.0
<b>Total</b>	-	-	-	-	-	-	-	-	-	1,850.0	1,850.0

## Playground Development

**Description:**

Design and construct 49 new playgrounds. Selection of the playground sites will be based on facility analysis, national standards, and public input.

**Justification:**

This project was identified in the 2012 Parks and Recreation Strategic Service Plan.

Project ID: R044

**Start Date:** 7/09**End Date:** 6/15

**Location:** Citywide

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	-	-	8,725.0	8,725.0
<b>Total</b>	-	-	-	-	-	-	-	-	-	8,725.0	8,725.0

## Parks and Recreation - Parks Development

(\$000)

<b>Playground Equipment Replacement</b> <b>Description:</b> Replace old playground equipment with new and safer playground equipment that meets Americans with Disabilities Act (ADA) standards. Parks requiring replacement of playground equipment include the Michael Perry, Bravo, Eastmoor, Vista del Prado, and Santa Cruz River Parks. This project is also used as a 2000 bond program master project, with funds drawn down for specific projects. The original bond allocation was \$400,000.  <b>Justification:</b> The new playground equipment will be safer and meet Americans with Disabilities Act (ADA) standards.										<b>Project ID:</b> R043 <b>Start Date:</b> 7/00 <b>End Date:</b> 6/05  <b>Location:</b> Wards 1, 4, and 5		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
2000 General Obligation Bond Funds	217.0	30.0	60.0	90.0	23.0	-	-	-	113.0	-	330.0	
<b>Total</b>	217.0	30.0	60.0	90.0	23.0	-	-	-	113.0	-	330.0	

<b>Quincie Douglas Center Pool Facility</b> <b>Description:</b> Design and construct a recreational pool facility at Quincie Douglas Center. Funding capacity of \$1,000,000 has been included for additional private and public partnerships.  <b>Justification:</b> The surrounding neighborhood associations have participated in the design process and support the use of Pima County bond funds for a pool facility, which will complement other planned and existing amenities at Kino Boulevard and 36th Street.										<b>Project ID:</b> R022 <b>Start Date:</b> 7/00 <b>End Date:</b> 6/04  <b>Location:</b> Ward 5		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
Capital Agreement Fund	-	1,000.0	-	1,000.0	-	-	-	-	1,000.0	-	1,000.0	
Capital Agreement Fund: Pima County Bonds	30.7	1,638.8	138.0	1,776.8	-	-	-	-	1,776.8	-	1,807.5	
<b>Total</b>	30.7	2,638.8	138.0	2,776.8	-	-	-	-	2,776.8	-	2,807.5	

## Parks and Recreation - Parks Development

(S000)

<div><div><b>Recreation Center Development</b> <b>Description:</b> Design and construct new recreation centers, and renovate existing centers. Individual sites will be identified based on facility analysis, national standards, and public input.  <b>Justification:</b> This project was identified in the 2012 Parks and Recreation Strategic Service Plan.</div><div><b>Project ID:</b> R049 <b>Start Date:</b> 7/09 <b>End Date:</b> 6/14  <b>Location:</b> Citywide</div></div>											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	-	-	19,730.0	19,730.0
Total	-	-	-	-	-	-	-	-	-	19,730.0	19,730.0

<div><div><b>Reid Park Renovation</b></div><div><b>Description:</b> Design and construct improvements to Reid Park as outlined in the 1998 Park Master Plan. Improvements will include replacement of irrigation systems at Hi Corbett field, the annex fields, various irrigation lines throughout the park, and a booster pump station. Other improvements may include replacement of sidewalks, restrooms, and ramadas to conform with Americans with Disabilities Act (ADA) standards.</div><div><b>Justification:</b> The new booster pump station and irrigation improvements are needed to upgrade and replace old systems, which will reduce maintenance costs.</div></div>									<div><b>Project ID:</b> R910</div> <div><b>Start Date:</b> 7/01</div> <div><b>End Date:</b> 9/03</div> <div><b>Location:</b> Ward 6</div>		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 General Obligation Bond Funds	465.0	1,040.0	1,000.0	2,040.0	-	-	-	-	2,040.0	-	2,505.0
<b>Total</b>	465.0	1,040.0	1,000.0	2,040.0	-	-	-	-	2,040.0	-	2,505.0

## Parks and Recreation - Parks Development

(S000)

<b>Reuse of Landfill Areas</b> <b>Description:</b> Conduct an environmental analysis and planning for recreation and open space uses at closed landfills.  <b>Justification:</b> This project is needed to pursue the beneficial reuse of closed landfill areas for recreation and open space purposes.									<b>Project ID:</b> R941 <b>Start Date:</b> 7/03 <b>End Date:</b> 6/04  <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	-	-	207.0	207.0	-	-	-	-	207.0	-	207.0
<b>Total</b>	-	-	207.0	207.0	-	-	-	-	207.0	-	207.0

<b>Rillito Park at Columbus Boulevard District Park</b> <b>Description:</b> Design and construct a district park with ball fields, walking and jogging paths, an off-leash dog area, playground, and picnic areas.  <b>Justification:</b> This project will expand park services in an area of high demand.									<b>Project ID:</b> R023 <b>Start Date:</b> 1/03 <b>End Date:</b> 6/05  <b>Location:</b> Ward 2		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Capital Agreement Fund: Pima County Bonds	-	322.5	-	322.5	1,140.0	-	-	-	1,462.5	-	1,462.5
<b>Total</b>	-	322.5	-	322.5	1,140.0	-	-	-	1,462.5	-	1,462.5

## Parks and Recreation - Parks Development

(\$000)

<b>Rita Ranch Park Expansion</b> <b>Description:</b> Design and construct an expansion of the Rita Ranch Park, including baseball, softball, and soccer fields, ramadas, tennis courts, and a parking area. This may be a joint-use facility with the Vail School District. (This project was previously known as Purple Heart Park).  <b>Justification:</b> This project is needed to expand park and recreation services in an area of high and increasing demand.									<b>Project ID:</b> R907 <b>Start Date:</b> 7/01 <b>End Date:</b> 1/04 <b>Location:</b> Ward 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	25.1	312.9	462.0	774.9	-	-	-	-	774.9	-	800.0
<b>Total</b>	25.1	312.9	462.0	774.9	-	-	-	-	774.9	-	800.0

<b>Rodeo Grounds Improvements</b> <b>Description:</b> Construct improvements to the Rodeo Grounds in accordance with the Rodeo Grounds Advisory Committee recommendations that were authorized by Mayor and Council. This project will be coordinated with the users of the Rodeo Grounds.  <b>Justification:</b> Improvements are needed at this aging facility to provide a better venue for events and to ensure safety and accessibility for all users.									<b>Project ID:</b> R917 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/04 <b>Location:</b> Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	685.0	75.0	240.0	315.0	-	-	-	-	315.0	-	1,000.0
<b>Total</b>	685.0	75.0	240.0	315.0	-	-	-	-	315.0	-	1,000.0

## Parks and Recreation - Parks Development

(\$000)

## Santa Cruz River Sports Park

**Description:**

Design and construct a baseball and soccer sports complex along the east bank of the Santa Cruz River, north of Ajo Way.

**Project ID:** R939**Start Date:** 7/00**End Date:** 6/05

**Location:** Ward 1

**Justification:**

Currently there is a shortage of playing fields in Tucson. This project will provide much needed fields, as well as enhance the recreational aspect of the Santa Cruz River corridor.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	-	-	-	-	1,000.0	-	-	-	1,000.0	-	1,000.0
Capital Agreement Fund: Pima County Bonds	1.4	806.1	-	806.1	21.0	-	-	-	827.1	-	828.5
<b>Total</b>	1.4	806.1	-	806.1	1,021.0	-	-	-	1,827.1	-	1,828.5

## Soccer Field Development

**Description:**

Design and construct eight soccer fields. Individual sites will be identified based on facility analysis, national standards, and public input.

Project ID: R932

**Start Date:** 7/09**End Date:** 6/12

**Location:** Citywide

**Justification:**

This project was identified in the 2012 Parks and Recreation Strategic Service Plan.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	-	-	1,850.0	1,850.0
<b>Total</b>	-	-	-	-	-	-	-	-	-	1,850.0	1,850.0

## Parks and Recreation - Parks Development

(\$000)

## Softball Field Development

**Description:**

Design and construct five new softball fields. Individual sites will be identified based on facility analysis, national standards, and public input.

**Project ID:** R947**Start Date:** 7/09**End Date:** 6/12

**Location:** Citywide

**Justification:**

This project was identified in the 2012 Parks and Recreation Strategic Service Plan.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	-	-	3,780.0	3,780.0
<b>Total</b>	-	-	-	-	-	-	-	-	-	3,780.0	3,780.0

## Southeast Regional Recreational Amenities

**Description:**

Design and construct a regional center for the southeast region.

Project ID: R949

**Start Date:** 7/09**End Date:** 6/12

**Location:** Ward 4

**Justification:**

The city has a contractual agreement with the developers of Civano that requires this project to be placed as a question in the next general obligation bond program election.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	-	-	4,000.0	4,000.0
<b>Total</b>	-	-	-	-	-	-	-	-	-	4,000.0	4,000.0

## Parks and Recreation - Parks Development

(\$000)

<b>Swimming Pool Modifications</b> <b>Description:</b> Design and construct major modifications to existing pool complexes. Proposed pools include Menlo Park, Fort Lowell Parks, Amphi High School, Rita Ranch Park, El Pueblo Center, and Randolph Park. This project will also include a new bath house for Randolph Park.  <b>Justification:</b> This project is needed to increase the utility of existing pools, extend their useful life, and reduce operating and maintenance costs.									<b>Project ID:</b> R922 <b>Start Date:</b> 7/09 <b>End Date:</b> 6/12 <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	-	-	1,785.0	1,785.0
<b>Total</b>	-	-	-	-	-	-	-	-	-	1,785.0	1,785.0

<b>Tucson Diversion Channel Soccer Field</b> <b>Description:</b> Design and construct a soccer field facility in the south-central area of Tucson, including comfort stations, picnic areas, and a parking area.  <b>Justification:</b> This project will provide additional playfields to the community.									<b>Project ID:</b> R026 <b>Start Date:</b> 7/00 <b>End Date:</b> 5/04 <b>Location:</b> Wards 1 and 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Capital Agreement Fund: Pima County Bonds	0.2	62.1	425.2	487.3	-	-	-	-	487.3	-	487.5
<b>Total</b>	0.2	62.1	425.2	487.3	-	-	-	-	487.3	-	487.5



## Parks and Recreation - Parks Development

(S000)

<b>Udall Park and Center Expansion</b> <b>Description:</b> Design and construct expansion of Udall Park and Center improvements, including additional recreational space in the senior area and additional outdoor park amenities.  <b>Justification:</b> This project will expand recreational services to seniors in an area of high demand.									<b>Project ID:</b> R905 <b>Start Date:</b> 7/00 <b>End Date:</b> 11/03 <b>Location:</b> Ward 2		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	1,000.0	400.0	600.0	1,000.0	-	-	-	-	1,000.0	-	2,000.0
<b>Total</b>	1,000.0	400.0	600.0	1,000.0	-	-	-	-	1,000.0	-	2,000.0

<b>Udall Park Facility Improvements</b> <b>Description:</b> Design and construct additional park amenities, including new lighted tennis courts, a dog run, prefabricated restrooms, a parking area, park lighting, landscaping, irrigation upgrades, and drainage improvements.  <b>Justification:</b> These improvements will provide capacity for the future development of sports fields and improved park access.									<b>Project ID:</b> R040 <b>Start Date:</b> 7/00 <b>End Date:</b> 2/04 <b>Location:</b> Ward 2		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	80.0	360.0	-	360.0	-	-	-	-	360.0	-	440.0
<b>Total</b>	80.0	360.0	-	360.0	-	-	-	-	360.0	-	440.0

## Parks and Recreation - Parks Development

(\$000)

<div><div><b>Udall Park Play Field Improvements</b> <b>Description:</b> Design and construct a soccer field, comfort stations, and a parking area.  <b>Justification:</b> This project will expand park and recreation services in an area of high demand.</div><div><b>Project ID:</b> R024 <b>Start Date:</b> 7/00 <b>End Date:</b> 2/04  <b>Location:</b> Ward 2</div></div>											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Capital Agreement Fund: Pima County Bonds	6.0	262.1	-	262.1	-	-	-	-	262.1	-	268.1
Total	6.0	262.1	-	262.1	-	-	-	-	262.1	-	268.1

## Parks and Recreation - Zoo Improvements

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Reid Park Zoo - Master Plan Improvements</b>											
Unfunded	-	-	-	-	-	-	-	-	-	22,746.0	22,746.0
	-	-	-	-	-	-	-	-	-	22,746.0	22,746.0
<b>Program Area Total</b>	-	-	-	-	-	-	-	-	-	22,746.0	22,746.0
<b>Source of Funds Summary</b>											
Unfunded	-	-	-	-	-	-	-	-	-	22,746.0	22,746.0
<b>Program Area Total</b>	-	-	-	-	-	-	-	-	-	22,746.0	22,746.0

## Parks and Recreation - Zoo Improvements

(\$000)

<div><div><b>Reid Park Zoo - Master Plan Improvements</b></div><div><b>Description:</b> Design and construct improvements to the zoo as outlined in the 2001 Reid Park Zoo Master Plan. Phase I improvements will include new elephant, leopard, and otter exhibits; a safari lodge; and demolition of the rhino holding yard and the mystic cave. Phase II improvements will include various animal exhibit improvements, a hippopotamus underwater viewing area, an Australian zone exhibit, and a wastewater treatment area.</div><div><b>Justification:</b> This project will provide the improvements and expansion identified by the updated zoo master plan. These improvements will enhance visitors' experience, improve animal habitats, and reduce operating and maintenance costs.</div></div>										<div><b>Project ID:</b> R930</div> <div><b>Start Date:</b> 7/09</div> <div><b>End Date:</b> 6/24</div> <div><b>Location:</b> Ward 6</div>		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008				
Unfunded	-	-	-	-	-	-	-	-	-	22,746.0	22,746.0	
Total	-	-	-	-	-	-	-	-	-	22,746.0	22,746.0	



# Tucson City Golf

TRANSPORTATION



DOWNTOWN



GROWTH



GOOD  
GOVERNMENT

ECONOMIC DEVELOPMENT



NEIGHBORHOODS



## **Capital Improvement Program Department Statement**

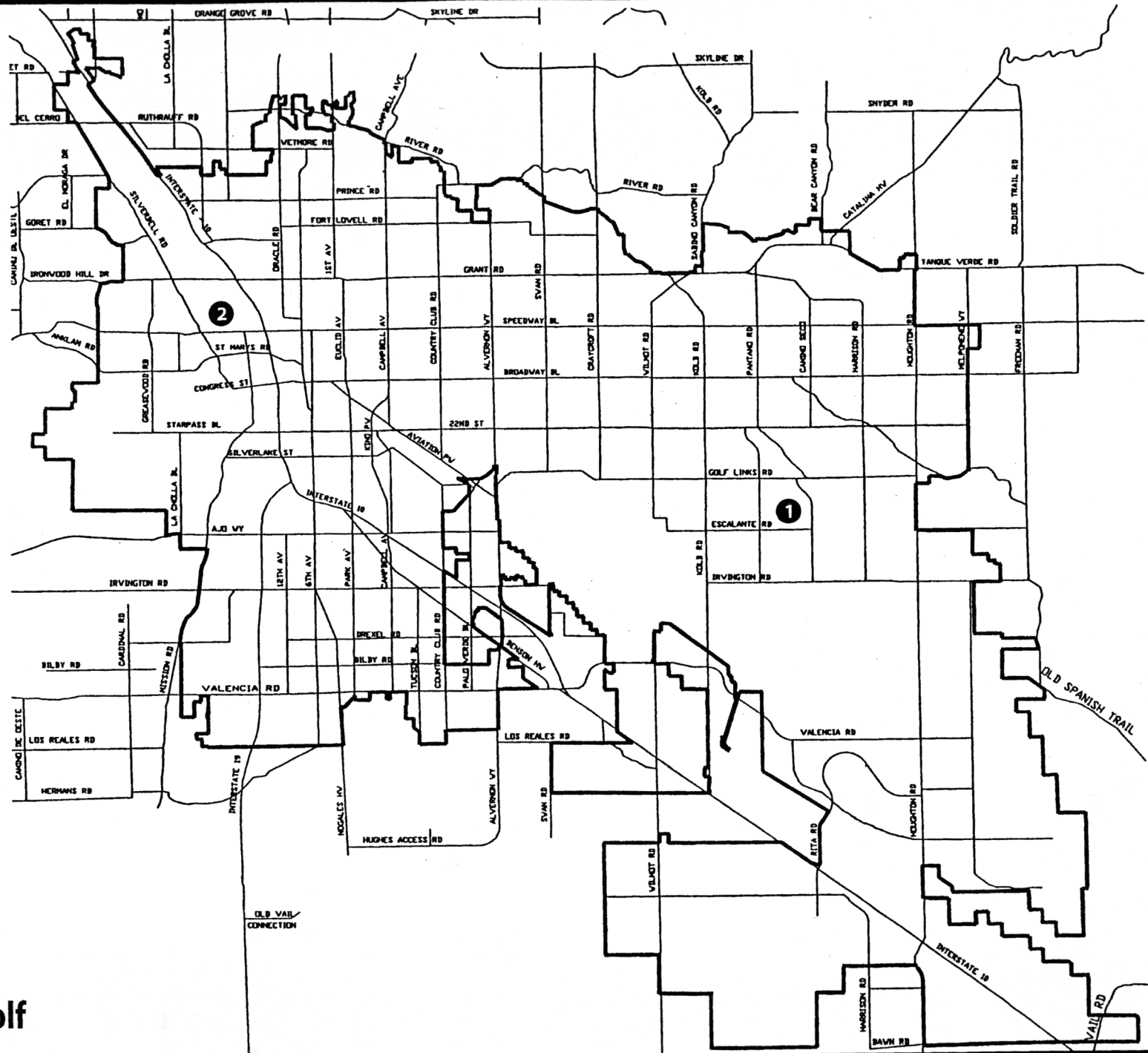
**FY 2004 through FY 2008**

**Department:** Tucson City Golf

**Five-Year Total:** \$ 2,048,900

Tucson City Golf uses golf fee revenues to maintain its facilities and to preserve recreational opportunities for the golfing community. All improvements are planned, designed, and constructed in a manner that responds to the needs and the demands of the golfing public.

The five-year capital program of \$2 million provides for improvements to the Fred Enke Golf Course and the Trini Alvarez/El Rio Golf Course. The Fred Enke Golf Course project is funded with Certificates of Participation. The Trini Alvarez Golf Course project is jointly funded with the Tucson Conquistadores and in-kind support from the First Tee Corporation.



Tucson City Golf



**Map Legend**  
**Tucson City Golf**

Project Name

Year to be  
Completed

Project Name

Year to be  
Completed

1. Fred Enke Golf Course Improvements

FY 2004

2. Trini Alvarez First Tee Renovations

FY 2004

## Tucson City Golf

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Fred Enke Golf Course Improvements</b>											
Golf Course Fund	318.8	-	-	-	-	-	-	-	-	-	318.8
Golf Course Fund: Certificates of Participation	16.0	338.9	-	<b>338.9</b>	-	-	-	-	<b>338.9</b>	-	354.9
	<b>334.8</b>	<b>338.9</b>	-	<b>338.9</b>	-	-	-	-	<b>338.9</b>	-	<b>673.7</b>
<b>Trini Alvarez First Tee Renovations</b>											
Golf Course Fund	-	100.0	1,610.0	<b>1,710.0</b>	-	-	-	-	<b>1,710.0</b>	-	1,710.0
	-	<b>100.0</b>	<b>1,610.0</b>	<b>1,710.0</b>	-	-	-	-	<b>1,710.0</b>	-	<b>1,710.0</b>
<b>Department Total</b>	<b>334.8</b>	<b>438.9</b>	<b>1,610.0</b>	<b>2,048.9</b>	-	-	-	-	<b>2,048.9</b>	-	<b>2,383.7</b>

<b>Source of Funds Summary</b>											
Golf Course Fund	318.8	100.0	1,610.0	<b>1,710.0</b>	-	-	-	-	<b>1,710.0</b>	-	2,028.8
Golf Course Fund: Certificates of Participation	16.0	338.9	-	<b>338.9</b>	-	-	-	-	<b>338.9</b>	-	354.9
<b>Department Total</b>	<b>334.8</b>	<b>438.9</b>	<b>1,610.0</b>	<b>2,048.9</b>	-	-	-	-	<b>2,048.9</b>	-	<b>2,383.7</b>

# Tucson City Golf

(S000)

<b>Fred Enke Golf Course Improvements</b> <b>Description:</b> Install a new pump station for the irrigation system, and renovate the 5th fairway.  <b>Justification:</b> These modifications will reduce maintenance costs and improve the quality of play at the golf course.									<b>Project ID:</b> G906 <b>Start Date:</b> 7/00 <b>End Date:</b> 6/04  <b>Location:</b> Ward 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Golf Course Fund	318.8	-	-	-	-	-	-	-	-	-	318.8
Golf Course Fund: Certificates of Participation	16.0	338.9	-	338.9	-	-	-	-	338.9	-	354.9
<b>Total</b>	334.8	338.9	-	338.9	-	-	-	-	338.9	-	673.7

<b>Trini Alvarez First Tee Renovations</b> <b>Description:</b> Renovate the Trini Alvarez/El Rio Golf Course to develop a youth golf training facility. Renovations will include replacement of the irrigation system, creation of youth tee boxes, modifications to the driving range, and course amenities such as bunkers and cart paths. The renovations will be funded through a joint use and development agreements with the Tucson Conquistadores and the First Tee Corporation. Financial contributions by the First Tee Corporation will be from in-kind construction discounts. The Tucson Conquistadores are providing both in-kind support and matching cash.  <b>Justification:</b> Through the use and development agreements, the city will be provided financial assistance to renovate the Trini Alvarez/El Rio Golf Course, which hasn't had major improvements since the original construction over 75 years ago. The joint project provides an opportunity to provide an enhanced youth golf program that is estimated could attract 1,500 students annually.									<b>Project ID:</b> G915 <b>Start Date:</b> 7/03 <b>End Date:</b> 6/04  <b>Location:</b> Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Golf Course Fund	-	100.0	1,610.0	1,710.0	-	-	-	-	1,710.0	-	1,710.0
<b>Total</b>	-	100.0	1,610.0	1,710.0	-	-	-	-	1,710.0	-	1,710.0



# Police

TRANSPORTATION



DOWNTOWN



GROWTH



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GOVERNMENT

ECONOMIC DEVELOPMENT



NEIGHBORHOODS



## Capital Improvement Program Department Statement

**FY 2004 through FY 2008**

**Department:** Police

**Five-Year Total:** \$ 46,200,700

The Police Department's five-year Capital Improvement Program will enhance the department's commitment to community-based policing, provide much needed space for staff and functions such as storage of evidence, and upgrade support facilities.

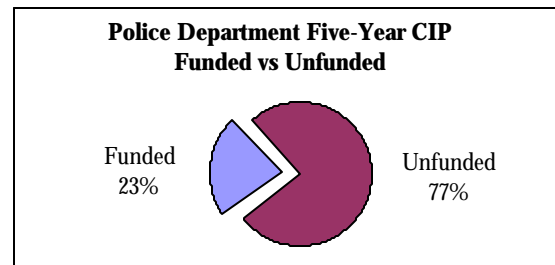
The five-year program of \$46.2 million is 23% funded and 77% unfunded. Funding of \$7 million is available from general obligation bonds. The remaining \$35.5 million is unfunded.

The following projects are funded:

- Support facilities improvements
- Land acquisition and construction of a new substation to replace the Rillito Substation; needed Forensics Division space at this facility is being explored.

Unfunded projects are as follows:

- Two police substations for future growth
- Improvements for the Forensics Division



This five-year CIP has a projected impact on the operating budget of \$88,000 in Fiscal Year 2008. See the following page for the impact by project and funding source.

## Police: CIP Impact on the Operating Budget

When the following projects are completed, they will require funding for annual operations. The estimated impact of these projects on the operating budget over the next five years is shown in the table below.

(\$000)

<b>Project Name</b>	<b>Year 1 FY 2004</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>	<b>Five Year Total</b>
Police Substation	-	-	-	-	88.0	<b>88.0</b>
<b>Total</b>	-	-	-	-	<b>88.0</b>	<b>88.0</b>
<b>Source of Funds Summary</b>						
General Fund	-	-	-	-	88.0	<b>88.0</b>
<b>Total</b>	-	-	-	-	<b>88.0</b>	<b>88.0</b>

# Police

## Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Forensics Building</b>											
Unfunded	-	-	-	-	983.0	9,517.0	-	-	10,500.0	-	10,500.0
	-	-	-	-	983.0	9,517.0	-	-	10,500.0	-	10,500.0
<b>Land Acquisition and Facilities Improvement</b>											
2000 General Obligation Bond Funds	2,516.3	283.7	-	283.7	-	-	-	-	283.7	-	2,800.0
	2,516.3	283.7	-	283.7	-	-	-	-	283.7	-	2,800.0
<b>Police Substation</b>											
2000 General Obligation Bond Funds	3,045.0	-	3,455.0	3,455.0	-	-	-	-	3,455.0	-	6,500.0
General Fund: Certificates of Participation	4,100.0	-	232.5	232.5	6,732.5	-	-	-	6,965.0	-	11,065.0
	7,145.0	-	3,687.5	3,687.5	6,732.5	-	-	-	10,420.0	-	17,565.0
<b>Police Substations - Future Growth</b>											
Unfunded	-	-	-	-	902.0	11,382.0	957.0	11,756.0	24,997.0	-	24,997.0
	-	-	-	-	902.0	11,382.0	957.0	11,756.0	24,997.0	-	24,997.0
<b>Department Total</b>	<b>9,661.3</b>	<b>283.7</b>	<b>3,687.5</b>	<b>3,971.2</b>	<b>8,617.5</b>	<b>20,899.0</b>	<b>957.0</b>	<b>11,756.0</b>	<b>46,200.7</b>	-	<b>55,862.0</b>
<b>Source of Funds Summary</b>											
2000 General Obligation Bond Funds	5,561.3	283.7	3,455.0	3,738.7	-	-	-	-	3,738.7	-	9,300.0
General Fund: Certificates of Participation	4,100.0	-	232.5	232.5	6,732.5	-	-	-	6,965.0	-	11,065.0
Unfunded	-	-	-	-	1,885.0	20,899.0	957.0	11,756.0	35,497.0	-	35,497.0
<b>Department Total</b>	<b>9,661.3</b>	<b>283.7</b>	<b>3,687.5</b>	<b>3,971.2</b>	<b>8,617.5</b>	<b>20,899.0</b>	<b>957.0</b>	<b>11,756.0</b>	<b>46,200.7</b>	-	<b>55,862.0</b>



## Police

(\$000)

<b>Forensics Building</b> <b>Description:</b> Co-locate the department's Forensics Division with the new police substation on the northwest side of town.									<b>Project ID:</b> P012 <b>Start Date:</b> 7/04 <b>End Date:</b> 6/06 <b>Location:</b> Ward 3		
<b>Justification:</b> The Forensics Division has outgrown its current space in the Headquarters Building. For example, the Evidence Section needs additional storage area and is searching for space. The new location will house all Forensics functions in a significantly larger space and ensure that the storage and analysis of evidence is handled as effectively as possible. Co-locating the substation and Forensics Division will reduce overall costs and create greater efficiencies.											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	983.0	9,517.0	-	-	10,500.0	-	10,500.0
<b>Total</b>	-	-	-	-	983.0	9,517.0	-	-	10,500.0	-	10,500.0

<b>Land Acquisition and Facilities Improvement</b> <b>Description:</b> Acquire land for the Public Safety Training Academy (\$1.8 million) and renovate other facilities to improve service to the public, enhance security, and ensure the proper storage of equipment and vehicles. Facility improvements will be made to the Santa Cruz Substation (\$484,000), the impound lot (\$140,000), and to-be-determined police facilities (\$376,000).									<b>Project ID:</b> P004 <b>Start Date:</b> 6/01 <b>End Date:</b> 6/04 <b>Location:</b> Citywide		
<b>Justification:</b> Additional land is needed for the Public Safety Training Academy to provide a sufficient buffer between the facility and potential new homes. Impound Lot improvements will ensure adequate storage and protection of items, such as vehicles stored for safekeeping and evidentiary purposes. The Santa Cruz Substation renovation includes a meeting room for the public and police personnel, and will provide better separation of juvenile and adult detainees.											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	2,516.3	283.7	-	283.7	-	-	-	-	283.7	-	2,800.0
<b>Total</b>	2,516.3	283.7	-	283.7	-	-	-	-	283.7	-	2,800.0

## Police

(S000)

<b>Police Substation</b> <b>Description:</b> Acquire property, design, and construct a new substation to replace the existing Rillito Substation. This project was previously fully funded from the 2000 bond authorization. However, the original cost estimate of \$6.5 million assumed location on city-owned property. No city-owned land has been found that provides a suitable site for the new substation, requiring project costs to increase for land acquisition. Recent experience with the Midtown Multipurpose Facility has also indicated a need to increase the project cost estimate. <b>Justification:</b> The existing Rillito Substation is too small for the staff assigned to the facility, doesn't have sufficient space and parking for continued growth, and is not accessible or convenient to the public.									<b>Project ID:</b> P006 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/05 <b>Location:</b> Ward 3		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 General Obligation Bond Funds	3,045.0	-	3,455.0	3,455.0	-	-	-	-	3,455.0	-	6,500.0
General Fund: Certificates of Participation	4,100.0	-	232.5	232.5	6,732.5	-	-	-	6,965.0	-	11,065.0
<b>Total</b>	7,145.0	-	3,687.5	3,687.5	6,732.5	-	-	-	10,420.0	-	17,565.0

<b>Police Substations - Future Growth</b>										<b>Project ID:</b> P009		
<b>Description:</b> Design and construct two new substations within the next five years. Annexations, population growth, and development trends will determine the locations of these substations.										<b>Start Date:</b> 7/04		
										<b>End Date:</b> 6/08		
										<b>Location:</b> To be determined		
<b>Justification:</b> The department is committed to community-based policing, which requires that facilities be open, accessible, and convenient to the public. As the city's population grows, the need for new substations increases. New substations will need to be located in or near areas where stress indicators such as low income, high crime rates, and high population densities suggest a need for facilities.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008				
Unfunded	-	-	-	-	902.0	11,382.0	957.0	11,756.0	24,997.0	-	24,997.0	
Total	-	-	-	-	902.0	11,382.0	957.0	11,756.0	24,997.0	-	24,997.0	



# Environment & Development

TRANSPORTATION



DOWNTOWN



GROWTH



ECONOMIC DEVELOPMENT

GOOD GOVERNMENT



NEIGHBORHOODS



# *Solid Waste Management*

TRANSPORTATION



DOWNTOWN



GROWTH



GOOD  
GOVERNMENT

ECONOMIC DEVELOPMENT



NEIGHBORHOODS



# Capital Improvement Program Department Statement

**FY 2004 through FY 2008**

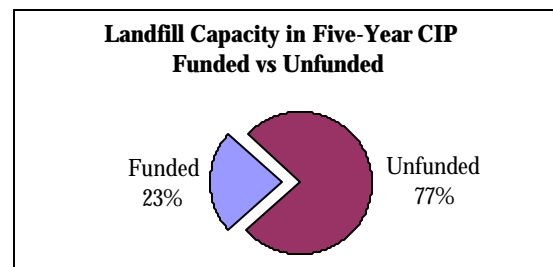
**Department:** Solid Waste Management

**Five-Year Total:** \$ 54,923,300

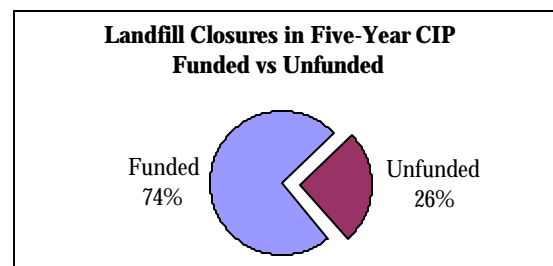
Solid Waste Management's five-year Capital Improvement Program consists of 23 projects that will fulfill the city's needs to create future landfill capacity, close landfills to comply with environmental protection regulations, control landfill gas, and construct support facilities.

The five-year program of \$54.9 million is 28% funded and 72% unfunded. Funding of \$15.4 million is available from \$7.9 million of Environmental/Solid Waste Mandate Reserves and \$7.5 million in general obligation bonds. The remaining \$39.5 million is unfunded. Capital needs beyond the five-year program are projected to require an additional \$18.5 million, which is also unfunded.

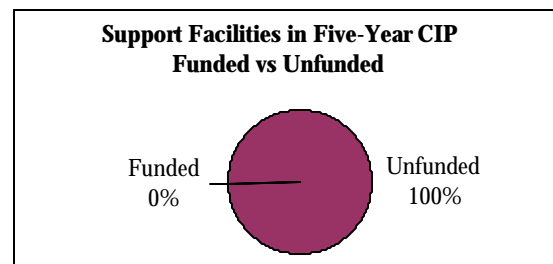
**Landfill Capacity.** Projects in this category total \$19.8 million: \$4.6 million funded and \$15.2 million unfunded. Most of the projects for landfill capacity are related to the proposed Los Reales Landfill Master Plan, which is expected to be approved in 2003. The plan calls for lined cells, drainage features, and recycling facilities for an estimated life extension of 45 years. Extending the life of Los Reales saves millions per year in higher transportation costs that would be needed if city trash had to be hauled to a new site.

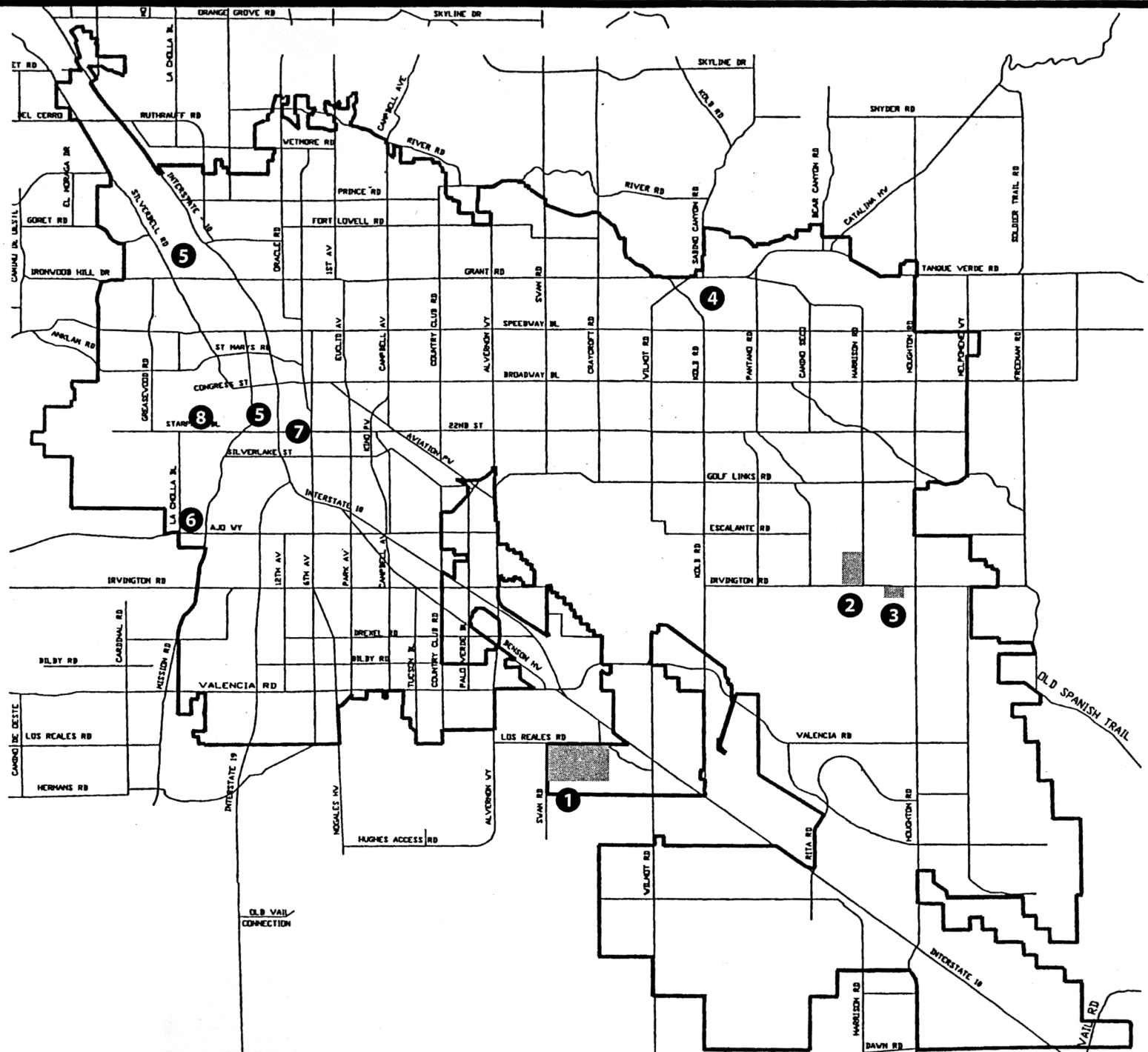


**Landfill Closure and Post-Closure.** Regulations require that completed landfills be closed in ways that seal off the buried waste and protect the environment. Projects in this category total \$14.7 million: \$10.9 million funded and \$3.8 million unfunded. Closure projects include a final protective cap, stormwater controls, revegetation, and gas monitoring and controls. Landfill closure is mandated by permits at the Los Reales, Mullins, and Irvington Landfills. Closure-related improvements are also scheduled for several old landfills.



**Support Facilities.** Several support facilities are proposed: renovation of the existing Tenth Avenue transfer station, a self-hauler facility at the Los Reales Landfill, a new transfer station, an additional household hazardous waste collection site, and an administration and training facility. These projects total \$20.4 million, none of which is funded.





# Solid Waste Management

### Map Legend

#### Solid Waste Management

<u>Project Name</u>	<u>Year to be Completed</u>	<u>Project Name</u>	<u>Year to be Completed</u>
1. Los Reales Access Roadway Improvements	FY 2007	4. Mullins Gas Mitigation	FY 2004
Los Reales Buffer Improvements	FY 2005	Mullins Landfill Closure	FY 2004
Los Reales Drainage Improvements	FY 2010	Mullins Landfill Stormwater Controls	FY 2005
Los Reales East Basin	FY 2006		
Los Reales Facilities	FY 2006	5. Closed Landfill Improvements	FY 2007
Los Reales Final Closure	FY 2021	A-Mountain Landfill	
Los Reales Future Cells	FY 2007	Silverbell Landfill	
Los Reales Gas Control	FY 2007		
Los Reales Intermediate Closure	FY 2016	6. Closed Landfill Gas Mitigation	FY 2004
Los Reales Self Hauler Facility	FY 2008	Kennedy Park Amphitheater	
Los Reales Westside Closure	FY 2004		
2. Harrison Landfill End Use Plan	FY 2006	7. Tenth Avenue Transfer Station Renovation	FY 2008
3. Irvington Landfill Closure	FY 2005	8. Tumamoc Landfill Closure	FY 2006



## Solid Waste Management

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Closed Landfill Gas Mitigation</b>											
1994 General Obligation Bond Funds	40.9	25.1	-	25.1	-	-	-	-	25.1	-	66.0
1994 General Obligation Bond Funds - Interest	160.9	-	-	-	-	-	-	-	-	-	160.9
2000 General Obligation Bond Funds	-	50.0	-	50.0	-	-	-	-	50.0	-	50.0
Solid Waste Management Fund: Mandate Reserves	8.1	28.7	-	28.7	-	-	-	-	28.7	-	36.8
Solid Waste Mgmt. Fund: General Fund Transfer	113.8	-	-	-	-	-	-	-	-	-	113.8
	<b>323.7</b>	<b>103.8</b>	-	<b>103.8</b>	-	-	-	-	<b>103.8</b>	-	<b>427.5</b>
<b>Closed Landfill Improvements</b>											
1994 General Obligation Bond Funds - Interest	50.0	-	-	-	-	-	-	-	-	-	50.0
Solid Waste Management Fund: Mandate Reserves	34.2	153.0	-	153.0	-	-	-	-	153.0	-	187.2
Unfunded	-	-	-	-	-	530.0	273.0	-	803.0	-	803.0
	<b>84.2</b>	<b>153.0</b>	-	<b>153.0</b>	-	<b>530.0</b>	<b>273.0</b>	-	<b>956.0</b>	-	<b>1,040.2</b>
<b>Harrison Landfill End-Use Plan</b>											
Unfunded	-	-	-	-	-	375.0	-	-	375.0	-	375.0
	-	-	-	-	-	<b>375.0</b>	-	-	<b>375.0</b>	-	<b>375.0</b>
<b>Household Hazardous Waste Facility</b>											
Unfunded	-	-	-	-	-	103.0	106.0	1,093.0	1,302.0	-	1,302.0
	-	-	-	-	-	<b>103.0</b>	<b>106.0</b>	<b>1,093.0</b>	<b>1,302.0</b>	-	<b>1,302.0</b>
<b>Irvington Landfill Closure</b>											
1994 General Obligation Bond Funds	254.5	-	-	-	-	-	-	-	-	-	254.5
2000 General Obligation Bond Funds	300.0	-	-	-	1,100.0	-	-	-	1,100.0	-	1,400.0
Solid Waste Management Fund: Mandate Reserves	-	-	-	-	754.0	-	-	-	754.0	-	754.0
Unfunded	-	-	-	-	222.0	-	-	-	222.0	-	222.0
	<b>554.5</b>	-	-	-	<b>2,076.0</b>	-	-	-	<b>2,076.0</b>	-	<b>2,630.5</b>
<b>Los Reales Access Roadway Improvements</b>											
Unfunded	-	-	-	-	-	100.0	2,312.0	-	2,412.0	-	2,412.0
	-	-	-	-	-	<b>100.0</b>	<b>2,312.0</b>	-	<b>2,412.0</b>	-	<b>2,412.0</b>

## Solid Waste Management

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Los Reales Buffer Improvements</b>											
Unfunded	-	-	-	-	484.0	-	-	-	484.0	-	484.0
	-	-	-	-	484.0	-	-	-	484.0	-	484.0
<b>Los Reales Drainage Improvements</b>											
2000 General Obligation Bond Funds	-	250.0	-	250.0	-	-	-	-	250.0	-	250.0
Unfunded	-	-	-	-	-	-	-	-	-	580.0	580.0
	-	250.0	-	250.0	-	-	-	-	250.0	580.0	830.0
<b>Los Reales East Basin</b>											
2000 General Obligation Bond Funds	-	-	-	-	170.0	962.0	-	-	1,132.0	-	1,132.0
Unfunded	-	-	-	-	-	1,538.0	-	-	1,538.0	-	1,538.0
	-	-	-	-	170.0	2,500.0	-	-	2,670.0	-	2,670.0
<b>Los Reales Facilities</b>											
2000 General Obligation Bond Funds	100.0	-	120.0	120.0	280.0	-	-	-	400.0	-	500.0
Unfunded	-	-	-	-	-	220.0	-	-	220.0	-	220.0
	100.0	-	120.0	120.0	280.0	220.0	-	-	620.0	-	720.0
<b>Los Reales Final Closure</b>											
Unfunded	-	-	-	-	-	-	-	-	-	16,983.0	16,983.0
	-	-	-	-	-	-	-	-	-	16,983.0	16,983.0
<b>Los Reales Future Cells</b>											
1994 General Obligation Bond Funds	160.0	-	-	-	-	-	-	-	-	-	160.0
2000 General Obligation Bond Funds	200.0	2,300.0	150.0	2,450.0	350.0	-	-	-	2,800.0	-	3,000.0
Unfunded	-	-	-	-	-	5,150.0	5,030.0	-	10,180.0	-	10,180.0
	360.0	2,300.0	150.0	2,450.0	350.0	5,150.0	5,030.0	-	12,980.0	-	13,340.0
<b>Los Reales Gas Control</b>											
Unfunded	-	-	-	-	250.0	-	150.0	-	400.0	-	400.0
	-	-	-	-	250.0	-	150.0	-	400.0	-	400.0

## Solid Waste Management

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Los Reales Intermediate Closure</b>											
1994 General Obligation Bond Funds	323.9	70.0	-	<b>70.0</b>	-	-	-	-	<b>70.0</b>	-	393.9
1994 General Obligation Bond Funds - Interest	312.7	-	-	-	-	-	-	-	-	-	312.7
2000 General Obligation Bond Funds	-	-	210.0	<b>210.0</b>	-	-	-	-	<b>210.0</b>	-	210.0
Solid Waste Mgmt. Fund: General Fund Transfer	2.7	-	-	-	-	-	-	-	-	-	2.7
Unfunded	-	-	-	-	-	-	-	-	-	927.0	927.0
	<b>639.3</b>	<b>70.0</b>	<b>210.0</b>	<b>280.0</b>	-	-	-	-	<b>280.0</b>	<b>927.0</b>	<b>1,846.3</b>
<b>Los Reales Self Hauler Facility</b>											
1994 General Obligation Bond Funds - Interest	2.6	-	-	-	-	-	-	-	-	-	2.6
Unfunded	-	-	-	-	-	-	-	1,000.0	<b>1,000.0</b>	-	1,000.0
	<b>2.6</b>	-	-	-	-	-	-	<b>1,000.0</b>	<b>1,000.0</b>	-	<b>1,002.6</b>
<b>Los Reales Westside Closure</b>											
1994 General Obligation Bond Funds	440.8	-	-	-	-	-	-	-	-	-	440.8
1994 General Obligation Bond Funds - Interest	9.2	-	-	-	-	-	-	-	-	-	9.2
2000 General Obligation Bond Funds	418.0	510.0	-	<b>510.0</b>	-	-	-	-	<b>510.0</b>	-	928.0
Solid Waste Management Fund: Mandate Reserves	-	-	340.0	<b>340.0</b>	-	-	-	-	<b>340.0</b>	-	340.0
	<b>868.0</b>	<b>510.0</b>	<b>340.0</b>	<b>850.0</b>	-	-	-	-	<b>850.0</b>	-	<b>1,718.0</b>
<b>Mullins Gas Mitigation</b>											
1994 General Obligation Bond Funds	194.7	90.0	-	<b>90.0</b>	-	-	-	-	<b>90.0</b>	-	284.7
1994 General Obligation Bond Funds - Interest	305.4	-	-	-	-	-	-	-	-	-	305.4
Solid Waste Management Fund: Mandate Reserves	17.3	350.0	618.0	<b>968.0</b>	-	-	-	-	<b>968.0</b>	-	985.3
Solid Waste Mgmt. Fund: General Fund Transfer	239.4	-	-	-	-	-	-	-	-	-	239.4
	<b>756.9</b>	<b>440.0</b>	<b>618.0</b>	<b>1,058.0</b>	-	-	-	-	<b>1,058.0</b>	-	<b>1,814.9</b>
<b>Mullins Landfill Closure</b>											
1994 General Obligation Bond Funds	238.0	181.5	-	<b>181.5</b>	-	-	-	-	<b>181.5</b>	-	419.5
1994 General Obligation Bond Funds - Interest	162.4	38.1	-	<b>38.1</b>	-	-	-	-	<b>38.1</b>	-	200.5
2000 General Obligation Bond Funds	0.1	629.9	-	<b>629.9</b>	-	-	-	-	<b>629.9</b>	-	630.0
Solid Waste Management Fund: Mandate Reserves	-	4,200.0	969.0	<b>5,169.0</b>	-	-	-	-	<b>5,169.0</b>	-	5,169.0
Solid Waste Mgmt. Fund: General Fund Transfer	110.0	-	-	-	-	-	-	-	-	-	110.0
	<b>510.5</b>	<b>5,049.5</b>	<b>969.0</b>	<b>6,018.5</b>	-	-	-	-	<b>6,018.5</b>	-	<b>6,529.0</b>

## Solid Waste Management

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Mullins Landfill Stormwater Controls</b>											
1994 General Obligation Bond Funds	200.0	-	-	-	-	-	-	-	-	-	200.0
Solid Waste Management Fund: Mandate Reserves	-	-	550.0	550.0	-	-	-	-	550.0	-	550.0
Unfunded	-	-	-	-	1,241.0	-	-	-	1,241.0	-	1,241.0
	<b>200.0</b>	-	<b>550.0</b>	<b>550.0</b>	<b>1,241.0</b>	-	-	-	<b>1,791.0</b>	-	<b>1,991.0</b>
<b>New Administration and Training Facility</b>											
Unfunded	-	-	-	-	-	1,050.0	7,274.0	681.0	9,005.0	-	9,005.0
	-	-	-	-	-	<b>1,050.0</b>	<b>7,274.0</b>	<b>681.0</b>	<b>9,005.0</b>	-	<b>9,005.0</b>
<b>Tenth Avenue Transfer Station Renovation</b>											
Unfunded	-	-	-	-	-	155.0	1,804.0	437.0	2,396.0	-	2,396.0
	-	-	-	-	-	<b>155.0</b>	<b>1,804.0</b>	<b>437.0</b>	<b>2,396.0</b>	-	<b>2,396.0</b>
<b>Transfer Station Development</b>											
Unfunded	-	-	-	-	-	-	850.0	5,850.0	6,700.0	-	6,700.0
	-	-	-	-	-	-	<b>850.0</b>	<b>5,850.0</b>	<b>6,700.0</b>	-	<b>6,700.0</b>
<b>Tumamoc Landfill Closure</b>											
Unfunded	-	-	-	-	103.0	1,093.0	-	-	1,196.0	-	1,196.0
	-	-	-	-	<b>103.0</b>	<b>1,093.0</b>	-	-	<b>1,196.0</b>	-	<b>1,196.0</b>
<b>Department Total</b>	<b>4,399.7</b>	<b>8,876.3</b>	<b>2,957.0</b>	<b>11,833.3</b>	<b>4,954.0</b>	<b>11,276.0</b>	<b>17,799.0</b>	<b>9,061.0</b>	<b>54,923.3</b>	<b>18,490.0</b>	<b>77,813.0</b>

<b>Source of Funds Summary</b>											
1994 General Obligation Bond Funds	1,852.9	366.6	-	366.6	-	-	-	-	366.6	-	2,219.5
1994 General Obligation Bond Funds - Interest	1,003.1	38.1	-	38.1	-	-	-	-	38.1	-	1,041.2
2000 General Obligation Bond Funds	1,018.1	3,739.9	480.0	4,219.9	1,900.0	962.0	-	-	7,081.9	-	8,100.0
Solid Waste Management Fund: Mandate Reserves	59.7	4,731.7	2,477.0	7,208.7	754.0	-	-	-	7,962.7	-	8,022.4
Solid Waste Mgmt. Fund: General Fund Transfer	466.0	-	-	-	-	-	-	-	-	-	466.0
Unfunded	-	-	-	-	2,300.0	10,314.0	17,799.0	9,061.0	39,474.0	18,490.0	57,964.0
<b>Department Total</b>	<b>4,399.7</b>	<b>8,876.3</b>	<b>2,957.0</b>	<b>11,833.3</b>	<b>4,954.0</b>	<b>11,276.0</b>	<b>17,799.0</b>	<b>9,061.0</b>	<b>54,923.3</b>	<b>18,490.0</b>	<b>77,813.0</b>

## Solid Waste Management

(\$000)

<b>Closed Landfill Gas Mitigation</b> <b>Description:</b> Investigate and mitigate conditions at closed city landfills that potentially affect public safety and the environment. This includes investigation of immediate methane hazards, installation of long-term methane monitoring systems, and installation of one gas migration control system.  <b>Justification:</b> Mayor and Council policy calls for quarterly methane monitoring and control of methane migration to ensure public safety.									<b>Project ID:</b> Q317 <b>Start Date:</b> 7/95 <b>End Date:</b> 6/04 <b>Location:</b> Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 General Obligation Bond Funds	40.9	25.1	-	25.1	-	-	-	-	25.1	-	66.0
1994 General Obligation Bond Funds - Interest	160.9	-	-	-	-	-	-	-	-	-	160.9
2000 General Obligation Bond Funds	-	50.0	-	50.0	-	-	-	-	50.0	-	50.0
Solid Waste Management Fund: Mandate Reserves	8.1	28.7	-	28.7	-	-	-	-	28.7	-	36.8
Solid Waste Mgmt. Fund: General Fund Transfer	113.8	-	-	-	-	-	-	-	-	-	113.8
<b>Total</b>	323.7	103.8	-	103.8	-	-	-	-	103.8	-	427.5

<b>Closed Landfill Improvements</b> <b>Description:</b> Design and construct improvements at closed landfills, including erosion protection, grading, fencing, and revegetation at up to 14 sites. Carryforward in Fiscal Year 2004 is to complete Harrison Landfill improvements. Fiscal Year 2006 projects include capping and drainage at the A-Mountain and Silverbell Landfills. Fiscal Year 2007 projects include an end-use planning study.  <b>Justification:</b> Improvements at closed landfills are necessary to protect public health and safety, as well as to meet federal and state regulatory requirements.									<b>Project ID:</b> Q319 <b>Start Date:</b> 7/99 <b>End Date:</b> 6/07 <b>Location:</b> Wards 1 and 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 General Obligation Bond Funds - Interest	50.0	-	-	-	-	-	-	-	-	-	50.0
Solid Waste Management Fund: Mandate Reserves	34.2	153.0	-	153.0	-	-	-	-	153.0	-	187.2
Unfunded	-	-	-	-	-	530.0	273.0	-	803.0	-	803.0
<b>Total</b>	84.2	153.0	-	153.0	-	530.0	273.0	-	956.0	-	1,040.2

## Solid Waste Management

(S000)

<b>Harrison Landfill End-Use Plan</b> <b>Description:</b> Plan and design features to accommodate a recreational end-use of the closed Harrison Landfill.  <b>Justification:</b> Mayor and Council directed that opportunities for beneficial end-use of closed landfills be examined.										<b>Project ID:</b> Q334 <b>Start Date:</b> 7/05 <b>End Date:</b> 6/06  <b>Location:</b> Ward 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008				
Unfunded	-	-	-	-	-	375.0	-	-	375.0	-	375.0	
Total	-	-	-	-	-	375.0	-	-	375.0	-	375.0	

<div><div><b>Household Hazardous Waste Facility</b> <b>Description:</b> Select site, design, and construct a second facility for the collection and management of hazardous waste as part of the joint city/county program. The project cost assumes no funding contribution from Pima County.</div><div><b>Justification:</b> The Household Hazardous Waste Program's steering committee has recommended that a new site be found to supplement the westside facility, which is nearing its capacity to manage waste.</div></div>										<div><b>Project ID:</b> Q920 <b>Start Date:</b> 7/05 <b>End Date:</b> 6/08  <b>Location:</b> Ward 5</div>		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008				
Unfunded	-	-	-	-	-	103.0	106.0	1,093.0	1,302.0	-	1,302.0	
Total	-	-	-	-	-	103.0	106.0	1,093.0	1,302.0	-	1,302.0	

## Solid Waste Management

(\$000)

<b>Irvington Landfill Closure</b> <b>Description:</b> Design and construct closure features at the Irvington Landfill, including planning for beneficial end-use as a park. An aquifer protection permit will be required from the Arizona Department of Environmental Quality prior to construction.  <b>Justification:</b> This project will ensure compliance with state closure regulations and protect public health and the environment.									<b>Project ID:</b> Q397 <b>Start Date:</b> 7/97 <b>End Date:</b> 6/05 <b>Location:</b> Ward 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 General Obligation Bond Funds	254.5	-	-	-	-	-	-	-	-	-	254.5
2000 General Obligation Bond Funds	300.0	-	-	-	1,100.0	-	-	-	1,100.0	-	1,400.0
Solid Waste Management Fund: Mandate Reserves	-	-	-	-	754.0	-	-	-	754.0	-	754.0
Unfunded	-	-	-	-	222.0	-	-	-	222.0	-	222.0
<b>Total</b>	554.5	-	-	-	2,076.0	-	-	-	2,076.0	-	2,630.5

<b>Los Reales Access Roadway Improvements</b> <b>Description:</b> Design and construct improvements to 1.5 miles of deteriorated roadway sections along Los Reales and Craycroft Roads that are near the landfill. This project would be performed in cooperation with Pima County as the roadways are outside the city limits. Also included in this project are the roadway needs for the proposed master plan.  <b>Justification:</b> These improvements will upgrade the roadways to handle landfill traffic and will allow all-weather access to the landfill.									<b>Project ID:</b> Q333 <b>Start Date:</b> 7/05 <b>End Date:</b> 7/07 <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	100.0	2,312.0	-	2,412.0	-	2,412.0
<b>Total</b>	-	-	-	-	-	100.0	2,312.0	-	2,412.0	-	2,412.0

## Solid Waste Management

(S000)

<b>Los Reales Buffer Improvements</b> <b>Description:</b> Design and construct buffer improvements to the east and southeast perimeters of the landfill, including a screening berm, trees, and fence improvements.  <b>Justification:</b> These buffer improvements, which are part of the landfill's proposed master plan, will provide adequate screening to residential neighbors.									<b>Project ID:</b> Q332 <b>Start Date:</b> 7/04 <b>End Date:</b> 6/05 <b>Location:</b> Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	484.0	-	-	-	484.0	-	484.0
<b>Total</b>	-	-	-	-	484.0	-	-	-	484.0	-	484.0

<b>Los Reales Drainage Improvements</b> <b>Description:</b> Design and construct drainage improvements. Fiscal Year 2004 funds will construct channels on the sides of the landfill hill. Funding in future years will complete drainage structures along the north and south as cells three through five are constructed.  <b>Justification:</b> Drainage improvements are needed to accommodate increases in landfill capacity and to comply with the city's landfill permit.									<b>Project ID:</b> Q337 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/10 <b>Location:</b> Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	-	250.0	-	250.0	-	-	-	-	250.0	-	250.0
Unfunded	-	-	-	-	-	-	-	-	-	580.0	580.0
<b>Total</b>	-	250.0	-	250.0	-	-	-	-	250.0	580.0	830.0



## Solid Waste Management

(S000)

<b>Los Reales East Basin</b> <b>Description:</b> Design and construct a retention basin to control off-site stormwater. Excavation of the east basin will provide cover soil for the operating needs of the landfill.  <b>Justification:</b> A retention basin for off-site stormwater is necessary to comply with the landfill permit and will facilitate the construction of future landfill cells.									<b>Project ID:</b> Q341 <b>Start Date:</b> 7/04 <b>End Date:</b> 6/06  <b>Location:</b> Ward 5		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 General Obligation Bond Funds	-	-	-	-	170.0	962.0	-	-	1,132.0	-	1,132.0
Unfunded	-	-	-	-	-	1,538.0	-	-	1,538.0	-	1,538.0
<b>Total</b>	-	-	-	-	170.0	2,500.0	-	-	2,670.0	-	2,670.0

<b>Los Reales Facilities</b> <b>Description:</b> Design and construct improvements to facilities at the landfill for both staff and public uses.  <b>Justification:</b> The expansion of the Los Reales Landfill included in the proposed master plan will require the relocation of several buildings.									<b>Project ID:</b> Q322 <b>Start Date:</b> 7/00 <b>End Date:</b> 6/06  <b>Location:</b> Ward 5		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 General Obligation Bond Funds	100.0	-	120.0	120.0	280.0	-	-	-	400.0	-	500.0
Unfunded	-	-	-	-	-	220.0	-	-	220.0	-	220.0
<b>Total</b>	100.0	-	120.0	120.0	280.0	220.0	-	-	620.0	-	720.0

## Solid Waste Management

(S000)

<div><div><b>Los Reales Final Closure</b> <b>Description:</b> Design and construct final closure features, including a landfill cap, revegetation, and planning for beneficial end-use. Project estimates are based on the closing of 317 acres, but do not include any remediation activities that may be necessary.  <b>Justification:</b> Closure of the Los Reales landfill will be needed to ensure compliance with federal and state regulations.</div><div><b>Project ID:</b> Q324 <b>Start Date:</b> 7/10 <b>End Date:</b> 6/21  <b>Location:</b> Ward 5</div></div>											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	-	-	16,983.0	16,983.0
Total	-	-	-	-	-	-	-	-	-	16,983.0	16,983.0

<b>Los Reales Future Cells</b> <b>Description:</b> Design, permit, and construct future lined cells, including the modification of on-site basins, channels, roads and support facilities as part of facility's proposed master plan. Improvements are programmed as follows: acquisition of north property and permits in Fiscal Year 2004, and excavation of borrow area and construction of future cells in Fiscal Years 2005 through 2007.  <b>Justification:</b> Additional cells are needed to extend the life of the Los Reales Landfill, the city's only operating landfill.									<b>Project ID:</b> Q910 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/07  <b>Location:</b> Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 General Obligation Bond Funds	160.0	-	-	-	-	-	-	-	-	-	160.0
2000 General Obligation Bond Funds	200.0	2,300.0	150.0	2,450.0	350.0	-	-	-	2,800.0	-	3,000.0
Unfunded	-	-	-	-	-	5,150.0	5,030.0	-	10,180.0	-	10,180.0
Total	360.0	2,300.0	150.0	2,450.0	350.0	5,150.0	5,030.0	-	12,980.0	-	13,340.0

## Solid Waste Management

(S000)

<b>Los Reales Gas Control</b> <b>Description:</b> Design and construct a gas emissions control system.  <b>Justification:</b> This project will ensure compliance with federal and state air quality permits and regulations. Air quality regulations mandate gas control for Cell One in Fiscal Year 2005 and gas control for Cell Two in Fiscal Year 2007.									<b>Project ID:</b> Q915 <b>Start Date:</b> 7/04 <b>End Date:</b> 6/07  <b>Location:</b> Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	250.0	-	150.0	-	400.0	-	400.0
<b>Total</b>	-	-	-	-	250.0	-	150.0	-	400.0	-	400.0

<b>Los Reales Intermediate Closure</b> <b>Description:</b> Construct a phased, interim cap along the south, west, and north slopes of the landfill, which will include stormwater controls on the landfill's cap and perimeter. Funding in Fiscal Year 2004 is for green waste mulch to control erosion on side slopes. Funding in future years is for intermediate capping of Cells One through Five.  <b>Justification:</b> Intermediate closure of cells is necessary to ensure compliance with city's landfill permit.									<b>Project ID:</b> Q326 <b>Start Date:</b> 1/97 <b>End Date:</b> 6/16  <b>Location:</b> Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 General Obligation Bond Funds	323.9	70.0	-	70.0	-	-	-	-	70.0	-	393.9
1994 General Obligation Bond Funds - Interest	312.7	-	-	-	-	-	-	-	-	-	312.7
2000 General Obligation Bond Funds	-	-	210.0	210.0	-	-	-	-	210.0	-	210.0
Solid Waste Mgmt. Fund: General Fund Transfer	2.7	-	-	-	-	-	-	-	-	-	2.7
Unfunded	-	-	-	-	-	-	-	-	-	927.0	927.0
<b>Total</b>	639.3	70.0	210.0	280.0	-	-	-	-	280.0	927.0	1,846.3

## Solid Waste Management

(S000)

<b>Los Reales Self Hauler Facility</b> <b>Description:</b> Construct a facility for self-haulers to unload into roll-off boxes, rather than directly into the landfill.  <b>Justification:</b> This project is included in the proposed master plan for the facility; will increase landfill safety and efficiency, reduce litter and dust, and accommodate future recycling programs.									<b>Project ID:</b> Q329 <b>Start Date:</b> 7/07 <b>End Date:</b> 6/08  <b>Location:</b> Ward 5		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
1994 General Obligation Bond Funds - Interest	2.6	-	-	-	-	-	-	-	-	-	2.6
Unfunded	-	-	-	-	-	-	-	1,000.0	1,000.0	-	1,000.0
<b>Total</b>	2.6	-	-	-	-	-	-	1,000.0	1,000.0	-	1,002.6

<b>Los Reales Westside Closure</b> <b>Description:</b> Design and construct a closure cap for an old industrial waste disposal area on the westside of the landfill. Fiscal Year 2004 includes permitting studies, partial waste removal, and cap construction.  <b>Justification:</b> This project ensures compliance with federal and state regulations and will improve long-term protection of the soil and groundwater.									<b>Project ID:</b> Q325 <b>Start Date:</b> 1/98 <b>End Date:</b> 6/04  <b>Location:</b> Ward 5		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
1994 General Obligation Bond Funds	440.8	-	-	-	-	-	-	-	-	-	440.8
1994 General Obligation Bond Funds - Interest	9.2	-	-	-	-	-	-	-	-	-	9.2
2000 General Obligation Bond Funds	418.0	510.0	-	510.0	-	-	-	-	510.0	-	928.0
Solid Waste Management Fund: Mandate Reserves	-	-	340.0	340.0	-	-	-	-	340.0	-	340.0
<b>Total</b>	868.0	510.0	340.0	850.0	-	-	-	-	850.0	-	1,718.0

## Solid Waste Management

(\$000)

<b>Mullins Gas Mitigation</b> <b>Description:</b> Redesign and rebuild the 14-year-old gas migration control system.  <b>Justification:</b> This project will ensure public safety and compliance with the facility closure permit.									<b>Project ID:</b> Q396 <b>Start Date:</b> 1/96 <b>End Date:</b> 6/04  <b>Location:</b> Ward 2		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
1994 General Obligation Bond Funds	194.7	90.0	-	90.0	-	-	-	-	90.0	-	284.7
1994 General Obligation Bond Funds - Interest	305.4	-	-	-	-	-	-	-	-	-	305.4
Solid Waste Management Fund: Mandate Reserves	17.3	350.0	618.0	968.0	-	-	-	-	968.0	-	985.3
Solid Waste Mgmt. Fund: General Fund Transfer	239.4	-	-	-	-	-	-	-	-	-	239.4
<b>Total</b>	756.9	440.0	618.0	1,058.0	-	-	-	-	1,058.0	-	1,814.9

<b>Mullins Landfill Closure</b> <b>Description:</b> Design, permit, and construct closure features.  <b>Justification:</b> This project will ensure public safety and compliance with the city's landfill closure permit.									<b>Project ID:</b> Q398 <b>Start Date:</b> 1/96 <b>End Date:</b> 6/04  <b>Location:</b> Ward 2		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
1994 General Obligation Bond Funds	238.0	181.5	-	181.5	-	-	-	-	181.5	-	419.5
1994 General Obligation Bond Funds - Interest	162.4	38.1	-	38.1	-	-	-	-	38.1	-	200.5
2000 General Obligation Bond Funds	0.1	629.9	-	629.9	-	-	-	-	629.9	-	630.0
Solid Waste Management Fund: Mandate Reserves	-	4,200.0	969.0	5,169.0	-	-	-	-	5,169.0	-	5,169.0
Solid Waste Mgmt. Fund: General Fund Transfer	110.0	-	-	-	-	-	-	-	-	-	110.0
<b>Total</b>	510.5	5,049.5	969.0	6,018.5	-	-	-	-	6,018.5	-	6,529.0

## Solid Waste Management

(\$000)

<b>Mullins Landfill Stormwater Controls</b>										<b>Project ID:</b> Q336		
<b>Description:</b> Design and construct stormwater controls on a major drainage channel adjacent to the landfill's southern boundary.										<b>Start Date:</b> 7/01		
										<b>End Date:</b> 6/05		
										<b>Location:</b> Ward 2		
<b>Justification:</b> This project will ensure compliance with state and local regulations.												
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
1994 General Obligation Bond Funds	200.0	-	-	-	-	-	-	-	-	-	200.0	
Solid Waste Management Fund: Mandate Reserves	-	-	550.0	550.0	-	-	-	-	550.0	-	550.0	
Unfunded	-	-	-	-	1,241.0	-	-	-	1,241.0	-	1,241.0	
<b>Total</b>	200.0	-	550.0	550.0	1,241.0	-	-	-	1,791.0	-	1,991.0	

<b>New Administration and Training Facility</b>										<b>Project ID:</b> Q338		
<b>Description:</b> Design and construct a 20,000 square foot building as an administrative, training, and customer service facility. The project includes funding for remodeling at the Price Service Center, after relocation of Solid Waste Management staff, to allow for the subsequent relocation of Department of Operations staff.										<b>Start Date:</b> 7/05		
										<b>End Date:</b> 6/08		
										<b>Location:</b> Ward 5		
<b>Justification:</b> Solid Waste Management and the Department of Operations currently share office space at the Price Service Center, and both departments need additional office space. Solid Waste Management currently has no training facility for drivers and must use space at the Los Reales landfill.												
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
Unfunded	-	-	-	-	-	1,050.0	7,274.0	681.0	9,005.0	-	9,005.0	
<b>Total</b>	-	-	-	-	-	1,050.0	7,274.0	681.0	9,005.0	-	9,005.0	

## Solid Waste Management

(S000)

<b>Tenth Avenue Transfer Station Renovation</b>										<b>Project ID:</b> Q339		
<b>Description:</b> Remodel the existing facility, which is currently closed, and replace transfer equipment.										<b>Start Date:</b> 7/05		
										<b>End Date:</b> 6/08		
										<b>Location:</b> Ward 5		
<b>Justification:</b> This renovation will increase capacity at the facility from 250 to 800 tons per day, increasing efficiency and reducing the cost of city waste collection.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008				
Unfunded	-	-	-	-	-	155.0	1,804.0	437.0	2,396.0	-	2,396.0	
Total	-	-	-	-	-	155.0	1,804.0	437.0	2,396.0	-	2,396.0	

<b>Transfer Station Development</b> <b>Description:</b> Design and construct a new transfer station, following an evaluation of the city's future transfer station needs.  <b>Justification:</b> A second transfer station would reduce the city's waste hauling costs and provide increased convenience to private waste haulers and citizens hauling their own loads.									<b>Project ID:</b> Q395 <b>Start Date:</b> 7/06 <b>End Date:</b> 6/08  <b>Location:</b> To be determined		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
Unfunded	-	-	-	-	-	-	850.0	5,850.0	6,700.0	-	6,700.0
Total	-	-	-	-	-	-	850.0	5,850.0	6,700.0	-	6,700.0

## Solid Waste Management

(\$000)

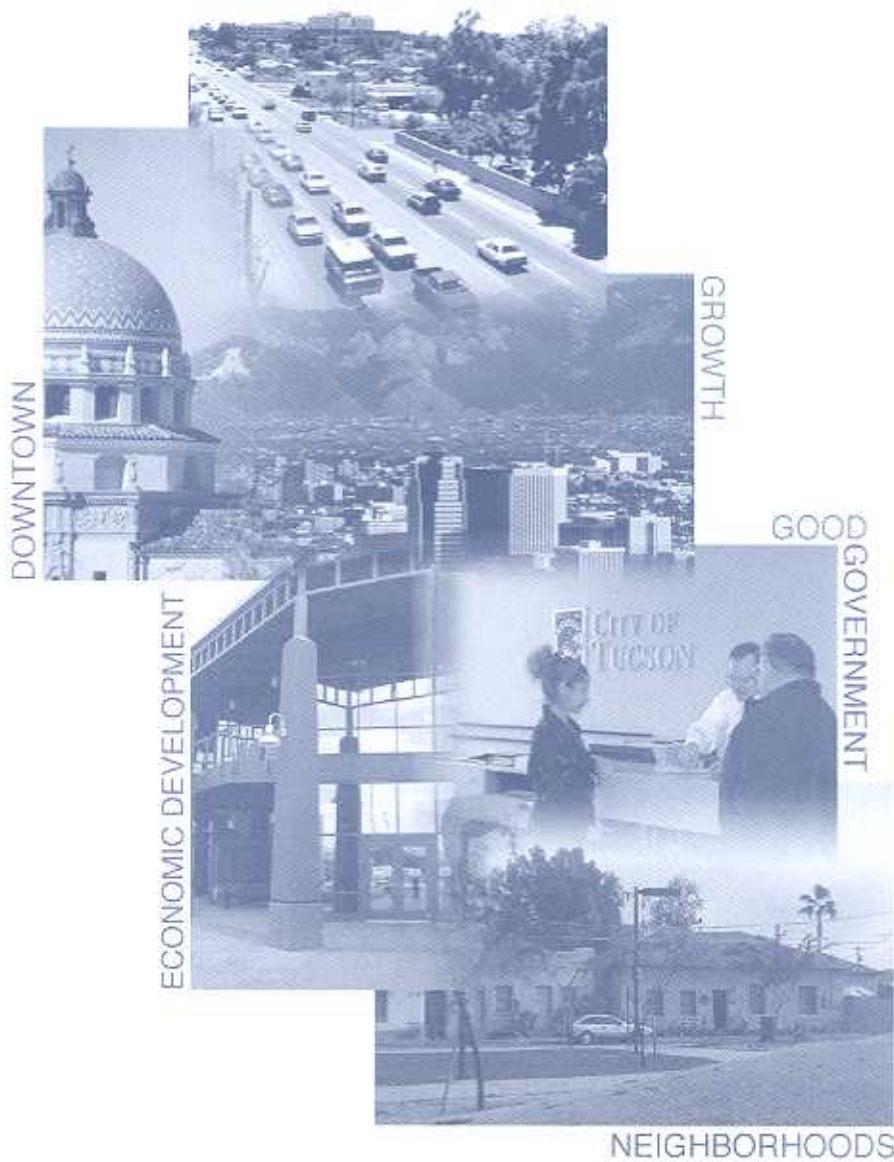
<div><div><b>Tumamoc Landfill Closure</b> <b>Description:</b> Design and construct a closure cap and stormwater control features.  <b>Justification:</b> This project will be necessary if the state requires the city to do permanent closure of this old city-operated landfill.</div><div><b>Project ID:</b> Q312 <b>Start Date:</b> 7/04 <b>End Date:</b> 6/06  <b>Location:</b> Ward 1</div></div>											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	103.0	1,093.0	-	-	1,196.0	-	1,196.0
Total	-	-	-	-	103.0	1,093.0	-	-	1,196.0	-	1,196.0





# Transportation

## TRANSPORTATION



# Capital Improvement Program Department Statement

**FY 2004 through FY 2008**

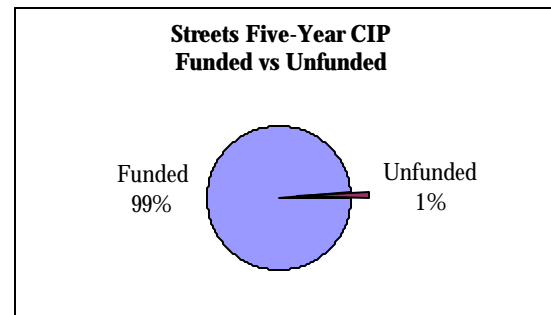
**Department:** Transportation

**Five-Year Total:** \$ 353,868,700

Transportation's Capital Improvement Program (CIP) funds improvements for a multi-modal transportation system and infrastructure designed to attract industry and protect neighborhoods. The program is divided into five areas: Streets, Drainage, Street Lighting, Traffic Signals, and Public Transit.

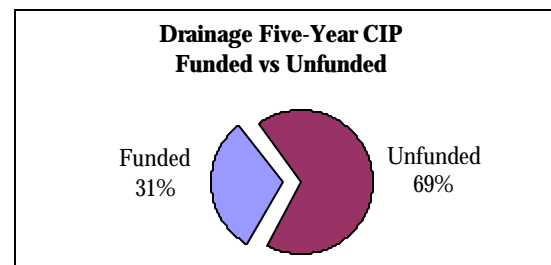
The five-year capital program of \$353.9 million is 69% funded and 31% unfunded. Funding of \$244.9 million is available from the following sources: \$147.8 million in federal grants; \$38.3 million in city bond funds; \$36 million in contributions from the state, other local agencies, and developers; \$11.6 million in state-shared gasoline user fees; \$7.2 million in General Fund contributions; and \$4 million in special assessments. The remaining \$109 million in the five-year program is unfunded. An additional \$118.6 million identified for future years is also unfunded.

**Streets.** The Streets program upgrades the arterial, collector, and residential transportation network, including streets, sidewalks, and bikeways, with the primary goal of maintaining an arterial street system that permits a safe and an unimpeded flow of traffic.



The five-year capital program of \$119.6 million is 99% funded and 1% unfunded. Funding of \$117.9 million is available from state and federal grants, local bonds, and state-shared gasoline user fees. However, \$92.5 million or 78% of the funded \$117.9 million is contingent upon receiving regional allocations of state and federal funds through the Pima Association of Governments. The remaining \$1.7 million is unfunded.

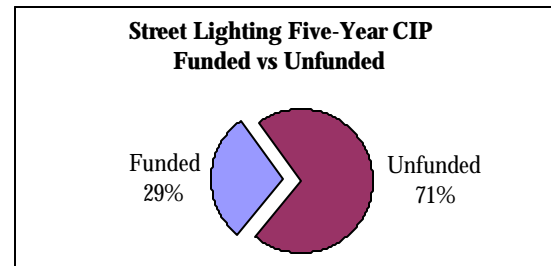
**Drainage.** The Drainage program, which is based on the Tucson Stormwater Management Study, emphasizes the protection of neighborhoods and naturally vegetated watercourses.



The five-year capital program of \$70 million is 31% funded and 69% unfunded. Funding of \$22 million is available from city bonds and contributions from other agencies and developers. The remaining \$48 million is unfunded.

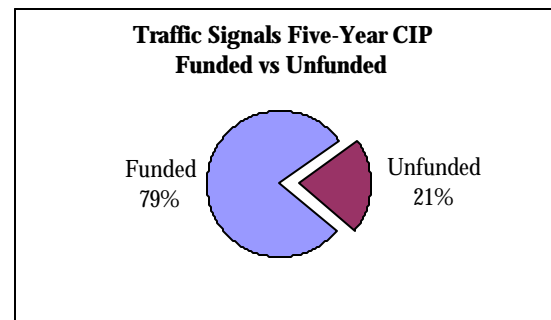
**Street Lighting.** The Street Lighting program constructs street lighting projects and sidewalk improvements; convert overhead circuits to underground circuits; and upgrades existing conductors and poles. The Comprehensive Roadway Illumination Study serves as the basis for street lighting projects.

The five-year capital program of \$23.9 million is 29% funded and 71% unfunded. Funding of \$6.9 million is available from city bonds, special assessments, state-shared gasoline user fees, and the city's General Fund. The remaining \$17 million is unfunded.



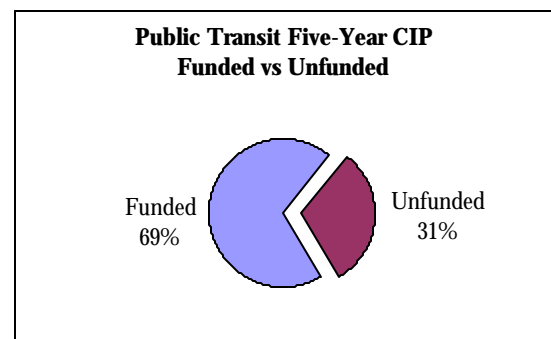
**Traffic Signals.** The Traffic Signals program constructs traffic signals, warning flashers at schools, and pedestrian crossing improvements; upgrades the computerized traffic control system; and continues support for the state's Freeway Management System and deployment of Intelligent Transportation System elements.

The five-year capital program of \$16.7 million is 79% funded and 21% unfunded. Funding of \$13.2 million is primarily available from federal grants and city bonds. The remaining \$3.5 million is unfunded.



**Public Transit.** The Public Transit program replaces Sun Tran and Van Tran fleet vehicles, upgrades or constructs facilities to support transit operations, and funds the restoration of the Downtown Intermodal Center.

The five-year capital program of \$123.7 million is 69% funded and 31% unfunded. Funding of \$84.9 million is primarily available from federal grants and the city's General Fund. The remaining \$38.8 million is unfunded.



The impact of this five-year CIP on future operating budgets is estimated at \$1.5 million in Fiscal Year 2005, increasing to \$1.6 million in Fiscal Year 2008. See the following page for the impact by project and funding source.

## Transportation: CIP Impact on the Operating Budget

When the following projects are completed, they will require funding for annual operations. The estimated impact of these projects on the operating budget over the next five years is shown in the table below.

(\$000)

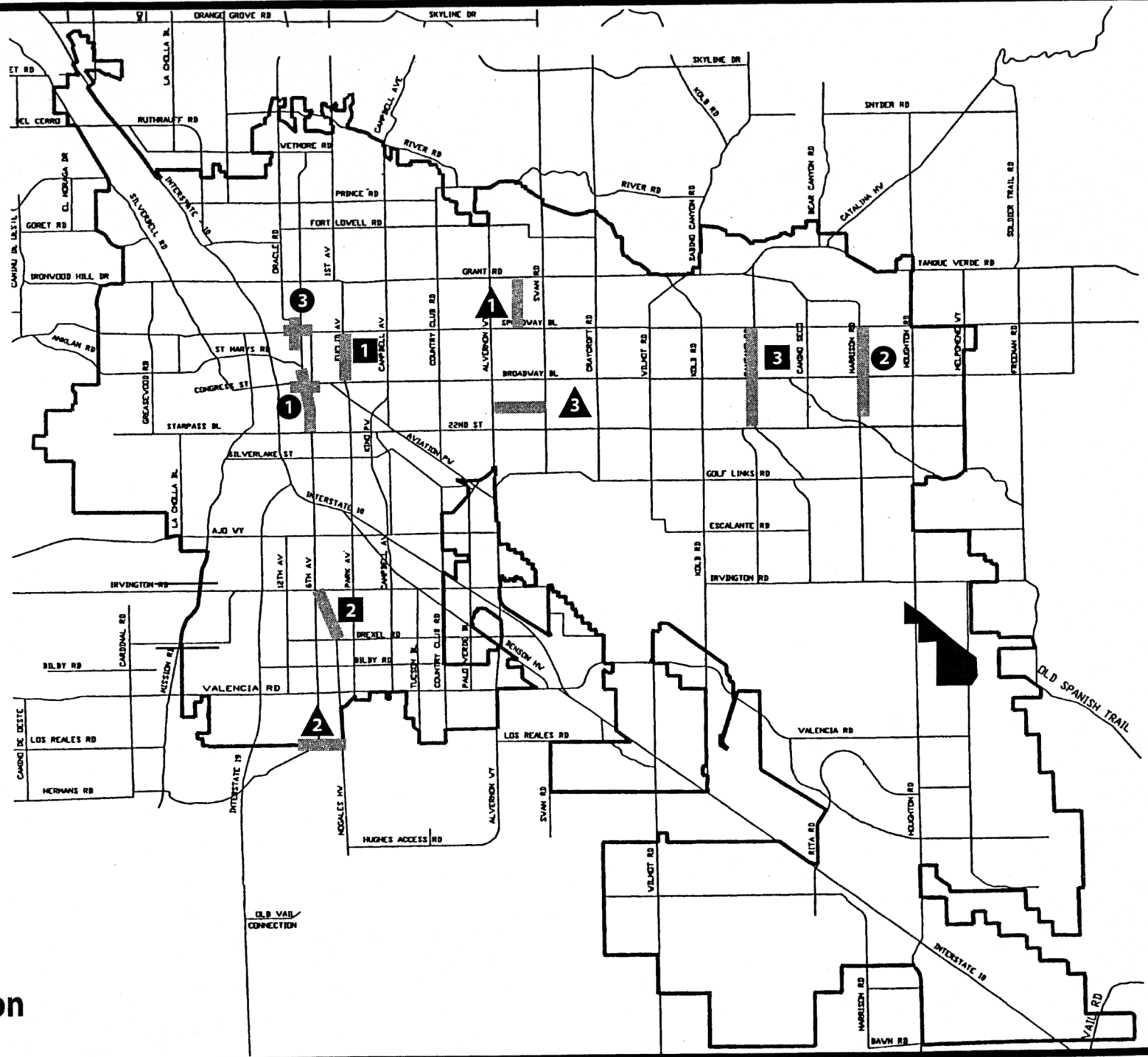
<b>Project Name</b>	<b>Year 1 FY 2004</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>	<b>Five Year Total</b>
12th Avenue: Veterans Boulevard to Ajo Way	-	1.5	1.5	1.6	1.6	<b>6.2</b>
1st Avenue: Prince Road to River Road	-	3.3	3.4	3.5	3.6	<b>13.8</b>
Automated Vehicle Location System Kiosks	-	2.0	2.1	2.1	2.2	<b>8.4</b>
Campbell Avenue: Roger Road to River Road	-	1.5	1.5	1.6	1.6	<b>6.2</b>
Country Club Road: Broadway to 22nd Street	-	3.0	3.1	3.2	3.3	<b>12.6</b>
Euclid Avenue Lighting: Broadway to Speedway	-	3.0	3.1	3.2	3.3	<b>12.6</b>
Expansion Vans for Van Tran	-	1,241.1	1,278.3	1,316.7	1,356.2	<b>5,192.3</b>
Greasewood and Ironwood Hills Traffic Signal	-	13.3	13.7	14.1	14.5	<b>55.6</b>
Midvale and Irvington Traffic Signal	-	13.3	13.7	14.1	14.5	<b>55.6</b>
Neighborhood District Lighting Improvements	-	6.0	6.2	6.4	6.6	<b>25.2</b>
Nogales Highway: Drexel to Irvington	-	3.0	3.1	3.2	3.3	<b>12.6</b>
Pantano Road: Speedway to 22nd Street	-	6.0	6.2	6.4	6.6	<b>25.2</b>
Park Avenue Lighting: Valencia to Irvington	-	3.0	3.1	3.2	3.3	<b>12.6</b>
Transit Headquarters Improvements	-	174.0	179.2	184.6	190.1	<b>727.9</b>
Udall Center Transit Facility	-	17.0	17.5	18.0	18.6	<b>71.1</b>
<b>Total</b>	-	<b>1,491.0</b>	<b>1,535.7</b>	<b>1,581.9</b>	<b>1,629.3</b>	<b>6,237.9</b>
<b>Source of Funds Summary</b>						
Highway User Revenue Fund	-	56.9	58.6	60.5	62.2	<b>238.2</b>
Mass Transit Fund: General Fund Transfer	-	1,434.1	1,477.1	1,521.4	1,567.1	<b>5,999.7</b>
<b>Total</b>	-	<b>1,491.0</b>	<b>1,535.7</b>	<b>1,581.9</b>	<b>1,629.3</b>	<b>6,237.9</b>

## Pima County Bond Program Street Projects Located Within the City of Tucson

There are 13 Pima County bond street projects that are totally or partially located within the city limits that are of particular interest to the City of Tucson:

- One project has been eliminated through Board of Supervisors action.
- Two projects have been completed with financial assistance from the City of Tucson.
- One project has been partially completed with Pima County Bonds funds exclusively.
- Three projects appear to be moving forward without the additional city funds requested by Pima County.
- Mayor and Council have asked that six projects be phased over time, with meaningful improvements constructed as soon as possible, utilizing available Pima County bond funds and that the remaining portions be completed as city funds become available. This option has not been accepted by Pima County.

Pima County Project Number	Project Name	Pima County Bond Funds (\$000)
<b>Project Eliminated by Board of Supervisors</b>		
DOT-41	22nd Street: Interstate 10 to Park Avenue (originally a \$10 million project)	-0-
<b>Projects Completed (with city financial assistance)</b>		
DOT-55	Golf Links Road: Bonanza to Houghton	\$ 2,500.0
DOT-39	Valencia Road: Interstate 19 to South 12th Avenue	900.0
<b>Project Partially Completed</b>		
DOT-43	12th Avenue: Veterans to Los Reales	9,000.0
<b>Projects Moving Forward (assumed not to need city financial assistance)</b>		
DOT-11	Drexel Road: Tucson to Alvernon	6,500.0
DOT-12	Country Club Road: 36th Street to Irvington	7,000.0
DOT-29	Houghton Road: Golf Links to Speedway	20,000.0
<b>Projects Requested by Mayor and Council for Phasing</b>		
DOT-05	Alvernon Way: Ft. Lowell to River Road	6,000.0
DOT-28	Speedway Boulevard: Camino Seco to Houghton	8,000.0
DOT-31	Tanque Verde Road: Catalina Highway to Houghton	7,100.0
DOT-40	Grant Road: Oracle to Park Avenue	10,000.0
DOT-49	Valencia Road: Mission to Interstate 19	4,000.0
DOT-56	Broadway Boulevard: Euclid to Country Club	15,000.0
<b>TOTAL \$</b>		<b>96,000.0</b>




## Transportation


**Map Legend**  
**Transportation**

Project Name

Year to be  
Completed

**Streets** - projects indicated within a 

- |   |         |
|---|---------|
| 1. Barraza-Aviation Parkway: 4th Avenue Underpass | FY 2005 |
| 2. Harrison Road: Speedway to Old Spanish Trail   | FY 2006 |
| 3. Speedway and Stone Avenue Gateway Improvements | FY 2004 |

**Drainage** - projects indicated within a 

- |  |         |
|--|---------|
| 1. Columbus Wash Drainage Relief, Phase II | FY 2005 |
| 2. El Vado Wash Drainage Improvements      | FY 2005 |
| 3. Arroyo Chico Drainage Improvements      | FY 2005 |

Project Name

Year to be  
Completed

**Street Lighting** - projects indicated within a 

- |  |         |
|--|---------|
| 1. Euclid Avenue: Broadway to Speedway   | FY 2004 |
| 2. Nogales Highway: Drexel to Irvington  | FY 2004 |
| 3. Pantano Road: Speedway to 22nd Street | FY 2004 |



# Transportation

## Five-Year Capital Improvement Program

(\$000)

Program Area	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Transportation - Streets	32,578.4	5,634.9	37,150.5	<b>42,785.4</b>	35,218.0	17,993.0	7,232.0	16,410.0	<b>119,638.4</b>	46,562.0	<b>198,778.8</b>
Transportation - Drainage	4,600.5	577.9	13,658.5	<b>14,236.4</b>	17,571.2	14,200.0	12,000.0	12,000.0	<b>70,007.6</b>	72,000.0	<b>146,608.1</b>
Transportation - Street Lighting	2,440.1	2,055.0	2,409.6	<b>4,464.6</b>	5,187.0	4,714.0	4,735.0	4,775.0	<b>23,875.6</b>	-	<b>26,315.7</b>
Transportation - Traffic Signals	3,215.7	2,388.7	4,480.0	<b>6,868.7</b>	3,097.2	3,103.0	1,125.0	2,481.0	<b>16,674.9</b>	-	<b>19,890.6</b>
Transportation - Public Transit	7,751.3	15,554.0	19,356.4	<b>34,910.4</b>	26,810.6	21,937.0	19,389.2	20,625.0	<b>123,672.2</b>	-	<b>131,423.5</b>
<b>Department Total</b>	<b>50,586.0</b>	<b>26,210.5</b>	<b>77,055.0</b>	<b>103,265.5</b>	<b>87,884.0</b>	<b>61,947.0</b>	<b>44,481.2</b>	<b>56,291.0</b>	<b>353,868.7</b>	<b>118,562.0</b>	<b>523,016.7</b>

<b>Source of Funds Summary</b>											
1984 Street and Highway Revenue Bond Funds	13.0	-	-	-	-	-	-	-	-	-	13.0
1994 General Obligation Bond Funds	4,309.4	500.0	171.8	<b>671.8</b>	-	-	-	-	<b>671.8</b>	-	4,981.2
1994 Street and Highway Revenue Bond Funds	1,448.1	192.7	-	<b>192.7</b>	-	-	-	-	<b>192.7</b>	-	1,640.8
2000 General Obligation Bond Funds	4,129.5	2,103.9	13,581.3	<b>15,685.2</b>	5,571.2	2,200.0	-	-	<b>23,456.4</b>	-	27,585.9
2000 Street and Highway Revenue Bond Funds	3,454.5	2,574.0	8,422.5	<b>10,996.5</b>	2,929.0	70.0	-	-	<b>13,995.5</b>	-	17,450.0
Capital Agreement Fund	236.1	484.0	2,727.0	<b>3,211.0</b>	715.0	715.0	715.0	715.0	<b>6,071.0</b>	-	6,307.1
Capital Agreement Fund: ADOT	500.0	-	500.0	<b>500.0</b>	500.0	500.0	500.0	500.0	<b>2,500.0</b>	-	3,000.0
Capital Agreement Fund: PAG	22,129.2	1,191.9	5,812.0	<b>7,003.9</b>	10,200.0	3,700.0	5,135.0	420.0	<b>26,458.9</b>	-	48,588.1
Capital Agreement Fund: Pima County Contribution	-	206.0	-	<b>206.0</b>	-	-	-	-	<b>206.0</b>	-	206.0
Federal Highway Administration Grants	985.1	-	22,978.0	<b>22,978.0</b>	21,330.2	12,750.0	250.0	13,925.0	<b>71,233.2</b>	-	72,218.3
Highway User Revenue Fund	8,221.2	3,954.0	2,179.0	<b>6,133.0</b>	2,373.0	995.0	1,147.0	940.0	<b>11,588.0</b>	-	19,809.2
Mass Transit Fund: Federal Grants	4,057.3	13,545.6	18,025.8	<b>31,571.4</b>	15,335.5	13,225.7	9,054.7	7,397.8	<b>76,585.1</b>	-	80,642.4
Mass Transit Fund: General Fund Transfer	114.0	929.4	1,320.6	<b>2,250.0</b>	1,320.6	1,122.3	1,223.5	1,320.6	<b>7,237.0</b>	-	7,351.0
Miscellaneous Non-Federal Grants	-	-	728.0	<b>728.0</b>	-	-	-	-	<b>728.0</b>	-	728.0
Special Assessments Construction Fund	988.6	529.0	609.0	<b>1,138.0</b>	340.0	1,750.0	360.0	370.0	<b>3,958.0</b>	-	4,946.6
Unfunded	-	-	-	-	27,269.5	24,919.0	26,096.0	30,702.6	<b>108,987.1</b>	118,562.0	227,549.1
<b>Department Total</b>	<b>50,586.0</b>	<b>26,210.5</b>	<b>77,055.0</b>	<b>103,265.5</b>	<b>87,884.0</b>	<b>61,947.0</b>	<b>44,481.2</b>	<b>56,291.0</b>	<b>353,868.7</b>	<b>118,562.0</b>	<b>523,016.7</b>

## Transportation - Streets

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>36th Street/Kino Boulevard Pedestrian Overpass</b>											
Federal Highway Administration Grants	-	-	-	-	-	-	-	1,500.0	<b>1,500.0</b>	-	1,500.0
Highway User Revenue Fund	126.0	-	-	-	-	-	-	90.0	<b>90.0</b>	-	216.0
	<b>126.0</b>	-	-	-	-	-	-	<b>1,590.0</b>	<b>1,590.0</b>	-	<b>1,716.0</b>
<b>5th/6th Street Circulation Improvements</b>											
1994 Street and Highway Revenue Bond Funds	261.3	-	-	-	-	-	-	-	-	-	261.3
Capital Agreement Fund: PAG	500.0	-	-	-	-	-	-	200.0	<b>200.0</b>	-	700.0
Federal Highway Administration Grants	429.0	-	-	-	-	-	-	-	-	-	429.0
Highway User Revenue Fund	14.1	-	-	-	-	-	-	-	-	-	14.1
	<b>1,204.4</b>	-	-	-	-	-	-	<b>200.0</b>	<b>200.0</b>	-	<b>1,404.4</b>
<b>Alternate Modes Improvements</b>											
Federal Highway Administration Grants	-	-	359.0	<b>359.0</b>	961.0	900.0	-	900.0	<b>3,120.0</b>	-	3,120.0
Highway User Revenue Fund	-	-	99.0	<b>99.0</b>	100.0	51.0	-	51.0	<b>301.0</b>	-	301.0
	-	-	<b>458.0</b>	<b>458.0</b>	<b>1,061.0</b>	<b>951.0</b>	-	<b>951.0</b>	<b>3,421.0</b>	-	<b>3,421.0</b>
<b>Anklam Road Traffic Safety Improvements</b>											
Capital Agreement Fund	-	150.0	-	<b>150.0</b>	-	-	-	-	<b>150.0</b>	-	150.0
Highway User Revenue Fund	45.0	100.0	450.0	<b>550.0</b>	450.0	450.0	450.0	-	<b>1,900.0</b>	-	1,945.0
	<b>45.0</b>	<b>250.0</b>	<b>450.0</b>	<b>700.0</b>	<b>450.0</b>	<b>450.0</b>	<b>450.0</b>	-	<b>2,050.0</b>	-	<b>2,095.0</b>
<b>Barraza-Aviation Parkway: 4th Avenue Underpass</b>											
Capital Agreement Fund: PAG	1,253.0	-	-	-	-	-	-	-	-	-	1,253.0
Federal Highway Administration Grants	-	-	6,000.0	<b>6,000.0</b>	9,000.0	-	-	-	<b>15,000.0</b>	-	15,000.0
Highway User Revenue Fund	103.7	-	-	-	-	-	-	-	-	-	103.7
	<b>1,356.7</b>	-	<b>6,000.0</b>	<b>6,000.0</b>	<b>9,000.0</b>	-	-	-	<b>15,000.0</b>	-	<b>16,356.7</b>
<b>Barraza-Aviation Parkway: 6th Avenue Improvement</b>											
Capital Agreement Fund: PAG	239.9	106.9	-	<b>106.9</b>	-	-	-	-	<b>106.9</b>	-	346.8
Federal Highway Administration Grants	-	-	1,800.0	<b>1,800.0</b>	-	-	-	-	<b>1,800.0</b>	-	1,800.0
Highway User Revenue Fund	-	103.0	-	<b>103.0</b>	-	-	-	-	<b>103.0</b>	-	103.0
	<b>239.9</b>	<b>209.9</b>	<b>1,800.0</b>	<b>2,009.9</b>	-	-	-	-	<b>2,009.9</b>	-	<b>2,249.8</b>

## Transportation - Streets

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Barraza-Aviation Parkway: Downtown Segment</b>											
Capital Agreement Fund: PAG	4,156.4	505.0	-	<b>505.0</b>	-	-	-	-	<b>505.0</b>	-	4,661.4
Highway User Revenue Fund	1,085.9	95.0	-	<b>95.0</b>	-	-	-	-	<b>95.0</b>	-	1,180.9
Unfunded	-	-	-	-	-	-	-	-	-	46,562.0	46,562.0
	<b>5,242.3</b>	<b>600.0</b>	-	<b>600.0</b>	-	-	-	-	<b>600.0</b>	<b>46,562.0</b>	<b>52,404.3</b>
<b>Barraza-Aviation Parkway: Neighborhood Traffic</b>											
Highway User Revenue Fund	69.7	-	50.0	<b>50.0</b>	50.0	50.0	50.0	-	<b>200.0</b>	-	269.7
	<b>69.7</b>	-	<b>50.0</b>	<b>50.0</b>	<b>50.0</b>	<b>50.0</b>	<b>50.0</b>	-	<b>200.0</b>	-	<b>269.7</b>
<b>Barraza-Aviation Parkway: St. Mary's/6th Street</b>											
Capital Agreement Fund: PAG	800.0	-	800.0	<b>800.0</b>	1,000.0	-	-	-	<b>1,800.0</b>	-	2,600.0
Federal Highway Administration Grants	-	-	-	-	5,700.0	-	-	-	<b>5,700.0</b>	-	5,700.0
	<b>800.0</b>	-	<b>800.0</b>	<b>800.0</b>	<b>6,700.0</b>	-	-	-	<b>7,500.0</b>	-	<b>8,300.0</b>
<b>Barraza-Aviation Parkway: Tucson Arroyo, Phase I</b>											
Capital Agreement Fund: PAG	639.5	-	-	-	-	-	2,800.0	-	<b>2,800.0</b>	-	3,439.5
	<b>639.5</b>	-	-	-	-	-	<b>2,800.0</b>	-	<b>2,800.0</b>	-	<b>3,439.5</b>
<b>Barrio Anita Enhancements</b>											
Federal Highway Administration Grants	-	-	471.0	<b>471.0</b>	-	-	-	-	<b>471.0</b>	-	471.0
Highway User Revenue Fund	14.0	15.0	-	<b>15.0</b>	-	-	-	-	<b>15.0</b>	-	29.0
	<b>14.0</b>	<b>15.0</b>	<b>471.0</b>	<b>486.0</b>	-	-	-	-	<b>486.0</b>	-	<b>500.0</b>
<b>Broadway Boulevard Right-Turn and Transit Lane</b>											
Capital Agreement Fund	-	-	1,000.0	<b>1,000.0</b>	-	-	-	-	<b>1,000.0</b>	-	1,000.0
Highway User Revenue Fund	32.8	70.0	50.0	<b>120.0</b>	-	-	-	-	<b>120.0</b>	-	152.8
	<b>32.8</b>	<b>70.0</b>	<b>1,050.0</b>	<b>1,120.0</b>	-	-	-	-	<b>1,120.0</b>	-	<b>1,152.8</b>
<b>Broadway Boulevard: Euclid to Columbus</b>											
Capital Agreement Fund: PAG	2,928.3	-	-	-	800.0	800.0	800.0	-	<b>2,400.0</b>	-	5,328.3
	<b>2,928.3</b>	-	-	-	<b>800.0</b>	<b>800.0</b>	<b>800.0</b>	-	<b>2,400.0</b>	-	<b>5,328.3</b>

## Transportation - Streets

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Bus-Related Roadway Improvements</b>											
2000 Street and Highway Revenue Bond Funds	415.0	400.0	1,000.0	<b>1,400.0</b>	900.0	-	-	-	<b>2,300.0</b>	-	2,715.0
	<b>415.0</b>	<b>400.0</b>	<b>1,000.0</b>	<b>1,400.0</b>	<b>900.0</b>	-	-	-	<b>2,300.0</b>	-	<b>2,715.0</b>
<b>Downtown Pedestrian Implementation</b>											
1994 Street and Highway Revenue Bond Funds	212.9	-	-	-	-	-	-	-	-	-	212.9
Capital Agreement Fund: PAG	-	200.0	400.0	<b>600.0</b>	400.0	200.0	200.0	200.0	<b>1,600.0</b>	-	1,600.0
Highway User Revenue Fund	365.8	-	-	-	-	-	-	-	-	-	365.8
	<b>578.6</b>	<b>200.0</b>	<b>400.0</b>	<b>600.0</b>	<b>400.0</b>	<b>200.0</b>	<b>200.0</b>	<b>200.0</b>	<b>1,600.0</b>	-	<b>2,178.6</b>
<b>Golf Links &amp; Craycroft Intersection Improvements</b>											
1994 Street and Highway Revenue Bond Funds	61.7	-	-	-	-	-	-	-	-	-	61.7
2000 Street and Highway Revenue Bond Funds	31.5	-	1,500.0	<b>1,500.0</b>	-	-	-	-	<b>1,500.0</b>	-	1,531.5
	<b>93.2</b>	-	<b>1,500.0</b>	<b>1,500.0</b>	-	-	-	-	<b>1,500.0</b>	-	<b>1,593.2</b>
<b>Golf Links and Kolb Intersection Improvements</b>											
1994 Street and Highway Revenue Bond Funds	55.8	-	-	-	-	-	-	-	-	-	55.8
2000 Street and Highway Revenue Bond Funds	150.0	-	-	-	-	-	-	-	-	-	150.0
Capital Agreement Fund: PAG	-	-	1,075.0	<b>1,075.0</b>	-	-	-	-	<b>1,075.0</b>	-	1,075.0
	<b>205.8</b>	-	<b>1,075.0</b>	<b>1,075.0</b>	-	-	-	-	<b>1,075.0</b>	-	<b>1,280.8</b>
<b>Grant and Campbell Intersection Improvement</b>											
Capital Agreement Fund: PAG	10,885.4	-	1,000.0	<b>1,000.0</b>	-	-	-	-	<b>1,000.0</b>	-	11,885.4
	<b>10,885.4</b>	-	<b>1,000.0</b>	<b>1,000.0</b>	-	-	-	-	<b>1,000.0</b>	-	<b>11,885.4</b>
<b>Harrison Road: Speedway to Old Spanish Trail</b>											
2000 Street and Highway Revenue Bond Funds	1,200.0	-	-	-	-	-	-	-	-	-	1,200.0
Capital Agreement Fund: PAG	-	-	500.0	<b>500.0</b>	1,000.0	-	-	-	<b>1,500.0</b>	-	1,500.0
Federal Highway Administration Grants	-	-	1,000.0	<b>1,000.0</b>	-	8,353.0	-	-	<b>9,353.0</b>	-	9,353.0
Special Assessments Construction Fund	-	-	-	-	-	1,400.0	-	-	<b>1,400.0</b>	-	1,400.0
	<b>1,200.0</b>	-	<b>1,500.0</b>	<b>1,500.0</b>	<b>1,000.0</b>	<b>9,753.0</b>	-	-	<b>12,253.0</b>	-	<b>13,453.0</b>

## Transportation - Streets

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Highland Avenue Bike and Pedestrian Improvements</b>											
1984 Street and Highway Revenue Bond Funds	13.0	-	-	-	-	-	-	-	-	-	13.0
Federal Highway Administration Grants	-	-	940.0	<b>940.0</b>	-	-	-	-	<b>940.0</b>	-	940.0
Highway User Revenue Fund	128.1	310.0	-	<b>310.0</b>	-	-	-	-	<b>310.0</b>	-	438.1
	<b>141.1</b>	<b>310.0</b>	<b>940.0</b>	<b>1,250.0</b>	-	-	-	-	<b>1,250.0</b>	-	<b>1,391.1</b>
<b>Intersection Operational Improvements</b>											
2000 Street and Highway Revenue Bond Funds	-	-	2,133.5	<b>2,133.5</b>	-	-	-	-	<b>2,133.5</b>	-	2,133.5
	-	-	<b>2,133.5</b>	<b>2,133.5</b>	-	-	-	-	<b>2,133.5</b>	-	<b>2,133.5</b>
<b>Irvington Road: Kolb Road to Camino Seco</b>											
Capital Agreement Fund: PAG	-	-	-	-	-	-	1,135.0	-	<b>1,135.0</b>	-	1,135.0
Highway User Revenue Fund	-	-	142.0	<b>142.0</b>	-	-	100.0	-	<b>242.0</b>	-	242.0
	-	-	<b>142.0</b>	<b>142.0</b>	-	-	<b>1,235.0</b>	-	<b>1,377.0</b>	-	<b>1,377.0</b>
<b>Miscellaneous Developer-Funded Improvements</b>											
Capital Agreement Fund	-	-	600.0	<b>600.0</b>	600.0	600.0	600.0	600.0	<b>3,000.0</b>	-	3,000.0
	-	-	<b>600.0</b>	<b>600.0</b>	<b>600.0</b>	<b>600.0</b>	<b>600.0</b>	<b>600.0</b>	<b>3,000.0</b>	-	<b>3,000.0</b>
<b>Miscellaneous On-Call Street Improvements</b>											
Highway User Revenue Fund	-	-	409.0	<b>409.0</b>	500.0	249.0	347.0	500.0	<b>2,005.0</b>	-	2,005.0
	-	-	<b>409.0</b>	<b>409.0</b>	<b>500.0</b>	<b>249.0</b>	<b>347.0</b>	<b>500.0</b>	<b>2,005.0</b>	-	<b>2,005.0</b>
<b>Mountain Avenue: Ft. Lowell Road To Roger Road</b>											
Capital Agreement Fund: PAG	-	-	-	-	7,000.0	-	-	-	<b>7,000.0</b>	-	7,000.0
Highway User Revenue Fund	598.9	-	-	-	-	-	-	-	-	-	598.9
	<b>598.9</b>	-	-	-	<b>7,000.0</b>	-	-	-	<b>7,000.0</b>	-	<b>7,598.9</b>
<b>Old Nogales Highway Pedestrian Overpass</b>											
Capital Agreement Fund	8.9	-	-	-	-	-	-	-	-	-	8.9
Highway User Revenue Fund	55.5	150.0	-	<b>150.0</b>	-	-	-	94.0	<b>244.0</b>	-	299.5
Unfunded	-	-	-	-	-	-	-	1,725.0	<b>1,725.0</b>	-	1,725.0
	<b>64.4</b>	<b>150.0</b>	-	<b>150.0</b>	-	-	-	<b>1,819.0</b>	<b>1,969.0</b>	-	<b>2,033.4</b>

## Transportation - Streets

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Oracle, Drachman, and Main Intersection</b>											
Capital Agreement Fund: PAG	-	-	-	-	-	2,200.0	-	-	2,200.0	-	2,200.0
	-	-	-	-	-	2,200.0	-	-	2,200.0	-	2,200.0
<b>Park Avenue/Euclid Bike and Pedestrian Bridge</b>											
Capital Agreement Fund: PAG	232.1	-	-	-	-	-	-	-	-	-	232.1
Federal Highway Administration Grants	-	-	1,000.0	1,000.0	-	-	-	-	1,000.0	-	1,000.0
Highway User Revenue Fund	25.9	100.0	-	100.0	-	-	-	-	100.0	-	125.9
	258.1	100.0	1,000.0	1,100.0	-	-	-	-	1,100.0	-	1,358.1
<b>Pedestrian Improvements</b>											
2000 Street and Highway Revenue Bond Funds	217.0	450.0	666.0	1,116.0	522.0	-	-	-	1,638.0	-	1,855.0
	217.0	450.0	666.0	1,116.0	522.0	-	-	-	1,638.0	-	1,855.0
<b>Road Resurfacing, Restoration, &amp; Rehabilitation</b>											
Federal Highway Administration Grants	-	-	5,000.0	5,000.0	5,000.0	1,216.0	-	10,000.0	21,216.0	-	21,216.0
Highway User Revenue Fund	584.0	500.0	285.0	785.0	685.0	-	-	-	1,470.0	-	2,054.0
	584.0	500.0	5,285.0	5,785.0	5,685.0	1,216.0	-	10,000.0	22,686.0	-	23,270.0
<b>South 10th Avenue Bike &amp; Pedestrian Enhancement</b>											
Capital Agreement Fund: PAG	-	-	737.0	737.0	-	-	-	-	737.0	-	737.0
Federal Highway Administration Grants	-	-	500.0	500.0	-	-	-	-	500.0	-	500.0
	-	-	1,237.0	1,237.0	-	-	-	-	1,237.0	-	1,237.0
<b>South 10th Avenue Revitalization</b>											
Capital Agreement Fund	-	-	35.0	35.0	-	-	-	-	35.0	-	35.0
Federal Highway Administration Grants	-	-	449.0	449.0	-	-	-	-	449.0	-	449.0
	-	-	484.0	484.0	-	-	-	-	484.0	-	484.0
<b>South 4th Avenue Streetscape Enhancement</b>											
Federal Highway Administration Grants	-	-	474.0	474.0	-	-	-	-	474.0	-	474.0
Highway User Revenue Fund	-	-	35.0	35.0	-	-	-	-	35.0	-	35.0
	-	-	509.0	509.0	-	-	-	-	509.0	-	509.0

## Transportation - Streets

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>South Yard Drill Track Improvements</b>											
Highway User Revenue Fund	3,043.8	100.0	131.0	231.0	-	-	-	-	231.0	-	3,274.8
	<b>3,043.8</b>	<b>100.0</b>	<b>131.0</b>	<b>231.0</b>	-	-	-	-	<b>231.0</b>	-	<b>3,274.8</b>
<b>Speedway and Main Intersection</b>											
Capital Agreement Fund: PAG	-	-	-	-	-	-	200.0	-	200.0	-	200.0
	-	-	-	-	-	-	<b>200.0</b>	-	<b>200.0</b>	-	<b>200.0</b>
<b>Speedway and Stone Avenue Gateway Improvements</b>											
1994 Street and Highway Revenue Bond Funds	550.0	-	-	-	-	-	-	-	-	-	550.0
Capital Agreement Fund: PAG	320.4	-	-	-	-	-	-	-	-	-	320.4
Federal Highway Administration Grants	-	-	4,000.0	4,000.0	-	-	-	-	4,000.0	-	4,000.0
	<b>870.4</b>	-	<b>4,000.0</b>	<b>4,000.0</b>	-	-	-	-	<b>4,000.0</b>	-	<b>4,870.4</b>
<b>Starr Pass Boulevard Improvements</b>											
Highway User Revenue Fund	-	2,000.0	-	2,000.0	-	-	-	-	2,000.0	-	2,000.0
	-	<b>2,000.0</b>	-	<b>2,000.0</b>	-	-	-	-	<b>2,000.0</b>	-	<b>2,000.0</b>
<b>Stone Avenue: 6th Street to Speedway</b>											
Federal Highway Administration Grants	-	-	-	-	-	474.0	-	-	474.0	-	474.0
	-	-	-	-	-	<b>474.0</b>	-	-	<b>474.0</b>	-	<b>474.0</b>
<b>Stone Avenue: Ft. Lowell Road to Wetmore Road</b>											
Capital Agreement Fund: PAG	-	-	250.0	250.0	-	500.0	-	-	750.0	-	750.0
	-	-	<b>250.0</b>	<b>250.0</b>	-	<b>500.0</b>	-	-	<b>750.0</b>	-	<b>750.0</b>
<b>Stone Avenue: Speedway to Ft. Lowell Road</b>											
Capital Agreement Fund: PAG	174.2	280.0	1,000.0	1,280.0	-	-	-	-	1,280.0	-	1,454.2
	<b>174.2</b>	<b>280.0</b>	<b>1,000.0</b>	<b>1,280.0</b>	-	-	-	-	<b>1,280.0</b>	-	<b>1,454.2</b>
<b>Stone and Limberlost Intersection Improvements</b>											
Federal Highway Administration Grants	-	-	260.0	260.0	-	-	-	-	260.0	-	260.0
	-	-	<b>260.0</b>	<b>260.0</b>	-	-	-	-	<b>260.0</b>	-	<b>260.0</b>

## Transportation - Streets

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Transportation Enhancements</b>											
Capital Agreement Fund: ADOT	500.0	-	500.0	<b>500.0</b>	500.0	500.0	500.0	500.0	<b>2,500.0</b>	-	3,000.0
Highway User Revenue Fund	50.0	-	50.0	<b>50.0</b>	50.0	50.0	50.0	50.0	<b>250.0</b>	-	300.0
	<b>550.0</b>	-	<b>550.0</b>	<b>550.0</b>	<b>550.0</b>	<b>550.0</b>	<b>550.0</b>	<b>550.0</b>	<b>2,750.0</b>	-	<b>3,300.0</b>
<b>Program Area Total</b>	<b>32,578.4</b>	<b>5,634.9</b>	<b>37,150.5</b>	<b>42,785.4</b>	<b>35,218.0</b>	<b>17,993.0</b>	<b>7,232.0</b>	<b>16,410.0</b>	<b>119,638.4</b>	<b>46,562.0</b>	<b>198,778.8</b>
<b>Source of Funds Summary</b>											
1984 Street and Highway Revenue Bond Funds	13.0	-	-	-	-	-	-	-	-	-	13.0
1994 Street and Highway Revenue Bond Funds	1,141.7	-	-	-	-	-	-	-	-	-	1,141.7
2000 Street and Highway Revenue Bond Funds	2,013.5	850.0	5,299.5	<b>6,149.5</b>	1,422.0	-	-	-	<b>7,571.5</b>	-	9,585.0
Capital Agreement Fund	8.9	150.0	1,635.0	<b>1,785.0</b>	600.0	600.0	600.0	600.0	<b>4,185.0</b>	-	4,193.9
Capital Agreement Fund: ADOT	500.0	-	500.0	<b>500.0</b>	500.0	500.0	500.0	500.0	<b>2,500.0</b>	-	3,000.0
Capital Agreement Fund: PAG	22,129.2	1,091.9	5,762.0	<b>6,853.9</b>	10,200.0	3,700.0	5,135.0	400.0	<b>26,288.9</b>	-	48,418.1
Federal Highway Administration Grants	429.0	-	22,253.0	<b>22,253.0</b>	20,661.0	10,943.0	-	12,400.0	<b>66,257.0</b>	-	66,686.0
Highway User Revenue Fund	6,343.1	3,543.0	1,701.0	<b>5,244.0</b>	1,835.0	850.0	997.0	785.0	<b>9,711.0</b>	-	16,054.1
Special Assessments Construction Fund	-	-	-	-	-	1,400.0	-	-	<b>1,400.0</b>	-	1,400.0
Unfunded	-	-	-	-	-	-	-	1,725.0	<b>1,725.0</b>	46,562.0	48,287.0
<b>Program Area Total</b>	<b>32,578.4</b>	<b>5,634.9</b>	<b>37,150.5</b>	<b>42,785.4</b>	<b>35,218.0</b>	<b>17,993.0</b>	<b>7,232.0</b>	<b>16,410.0</b>	<b>119,638.4</b>	<b>46,562.0</b>	<b>198,778.8</b>



## Transportation - Streets

(S000)

<b>36th Street/Kino Boulevard Pedestrian Overpass</b> <b>Description:</b> Design and construct a multi-path bridge across Kino Parkway, north of 36th Street. Federal Highway Administration funding is contingent upon allocation by the Pima Association of Governments.  <b>Justification:</b> This bridge will link pedestrians from east of Kino Boulevard to the Quincie Douglas Neighborhood Center and other parks facilities on the northwest corner.									<b>Project ID:</b> S023 <b>Start Date:</b> 1/00 <b>End Date:</b> 6/08 <b>Location:</b> Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Federal Highway Administration Grants	-	-	-	-	-	-	-	1,500.0	1,500.0	-	1,500.0
Highway User Revenue Fund	126.0	-	-	-	-	-	-	90.0	90.0	-	216.0
<b>Total</b>	126.0	-	-	-	-	-	-	1,590.0	1,590.0	-	1,716.0

<b>5th/6th Street Circulation Improvements</b> <b>Description:</b> Design and construct pedestrian crossing and intersection improvements. Pima Association of Governments (PAG) funds are contingent upon regional allocations.  <b>Justification:</b> These improvements were identified in the 5th/6th Street Livability Study as necessary to provide greater pedestrian safety.									<b>Project ID:</b> S102 <b>Start Date:</b> 7/97 <b>End Date:</b> 6/08 <b>Location:</b> Ward 6 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 Street and Highway Revenue Bond Funds	261.3	-	-	-	-	-	-	-	-	-	261.3
Capital Agreement Fund: PAG	500.0	-	-	-	-	-	-	200.0	200.0	-	700.0
Federal Highway Administration Grants	429.0	-	-	-	-	-	-	-	-	-	429.0
Highway User Revenue Fund	14.1	-	-	-	-	-	-	-	-	-	14.1
<b>Total</b>	1,204.4	-	-	-	-	-	-	200.0	200.0	-	1,404.4

## Transportation - Streets

(S000)

<b>Alternate Modes Improvements</b> <b>Description:</b> Design and construct sidewalks, handicap ramps, separated bike paths, and transit-related improvements, such as road widening, bus shelters, park and ride lots, and pavement overlays of existing roadways to accommodate bike lanes. A bike crossing at Alvernon and 3rd Street is included in Fiscal Year 2006. Federal Highway Administration funding is contingent upon allocation by the Pima Association of Governments. The gap in funding is due to the availability of regional funds. <b>Justification:</b> These improvements will expand the bike path system and support the city's commitment to alternate modes of transportation.									<b>Project ID:</b> S109 <b>Start Date:</b> Annual <b>End Date:</b> Annual <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Federal Highway Administration Grants	-	-	359.0	359.0	961.0	900.0	-	900.0	3,120.0	-	3,120.0
Highway User Revenue Fund	-	-	99.0	99.0	100.0	51.0	-	51.0	301.0	-	301.0
<b>Total</b>	-	-	458.0	458.0	1,061.0	951.0	-	951.0	3,421.0	-	3,421.0

<b>Anklam Road Traffic Safety Improvements</b> <b>Description:</b> Design and construct traffic safety improvements to Anklam Road, between Greasewood Road and Players Club Drive. <b>Justification:</b> These improvements are in response to proposed developments.									<b>Project ID:</b> S215 <b>Start Date:</b> 7/00 <b>End Date:</b> 6/07 <b>Location:</b> Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Capital Agreement Fund	-	150.0	-	150.0	-	-	-	-	150.0	-	150.0
Highway User Revenue Fund	45.0	100.0	450.0	550.0	450.0	450.0	450.0	-	1,900.0	-	1,945.0
<b>Total</b>	45.0	250.0	450.0	700.0	450.0	450.0	450.0	-	2,050.0	-	2,095.0

## Transportation - Streets

(\$000)

<b>Barraza-Aviation Parkway: 4th Avenue Underpass</b> <b>Description:</b> Design and construct a new underpass for automobile traffic at 4th Avenue adjacent to the existing underpass. The existing underpass will be renovated for pedestrian and bicycle traffic. Other project improvements will include sidewalks, lighting, storm drainage extending from 4th Avenue to Broadway Boulevard, public art, landscaped plazas, and two bicycle/pedestrian bridges. Funding is primarily from the state's Highway Expansion and Extension Loan Program (HELP). <b>Justification:</b> These improvements will support downtown revitalization effort by improving automobile, pedestrian, and bicycle access from 4th Avenue to downtown.									<b>Project ID:</b> S30B <b>Start Date:</b> 7/96 <b>End Date:</b> 6/05  <b>Location:</b> Wards 1 and 6 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Capital Agreement Fund: PAG	1,253.0	-	-	-	-	-	-	-	-	-	1,253.0
Federal Highway Administration Grants	-	-	6,000.0	6,000.0	9,000.0	-	-	-	15,000.0	-	15,000.0
Highway User Revenue Fund	103.7	-	-	-	-	-	-	-	-	-	103.7
<b>Total</b>	1,356.7	-	6,000.0	6,000.0	9,000.0	-	-	-	15,000.0	-	16,356.7

<b>Barraza-Aviation Parkway: 6th Avenue Improvement</b> <b>Description:</b> Design and construct a new traffic signal at the intersection of 6th Avenue with 18th Street and Stone Avenue. This project includes the conversion of both Stone Avenue and 6th Avenue, from 18th Street to Congress Street, to two-way streets with parkway landscaping. Also included in the project is the widening of 6th Avenue, from 18th Street to 19th Street, to match the existing improvements that are south of 19th Street. Pima Association of Governments (PAG) and Federal Highway Administration funding are contingent upon regional allocations. <b>Justification:</b> These improvements will support downtown revitalization efforts by improving the traffic circulation along the southern gateway.									<b>Project ID:</b> S30J <b>Start Date:</b> 7/99 <b>End Date:</b> 6/04  <b>Location:</b> Ward 5 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Capital Agreement Fund: PAG	239.9	106.9	-	106.9	-	-	-	-	106.9	-	346.8
Federal Highway Administration Grants	-	-	1,800.0	1,800.0	-	-	-	-	1,800.0	-	1,800.0
Highway User Revenue Fund	-	103.0	-	103.0	-	-	-	-	103.0	-	103.0
<b>Total</b>	239.9	209.9	1,800.0	2,009.9	-	-	-	-	2,009.9	-	2,249.8

## Transportation - Streets

(\$000)

<b>Barraza-Aviation Parkway: Downtown Segment</b> <b>Description:</b> Design and construct a four-lane divided roadway along the Barraza-Aviation corridor from Broadway Boulevard to the Interstate 10 frontage road. This project includes right-of-way acquisition, six bridges, a storm drain system, landscaping and neighborhood buffers, street lighting, and pedestrian and bicycle improvements. Pima Association of Governments (PAG) funds are contingent upon regional allocations.  <b>Justification:</b> This project complies with Mayor and Council direction for the continuation of the Barraza-Aviation Parkway.									<b>Project ID:</b> S301 <b>Start Date:</b> 7/96 <b>End Date:</b> 6/16  <b>Location:</b> Wards 1, 5, and 6 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Capital Agreement Fund: PAG	4,156.4	505.0	-	505.0	-	-	-	-	505.0	-	4,661.4
Highway User Revenue Fund	1,085.9	95.0	-	95.0	-	-	-	-	95.0	-	1,180.9
Unfunded	-	-	-	-	-	-	-	-	-	46,562.0	46,562.0
<b>Total</b>	5,242.3	600.0	-	600.0	-	-	-	-	600.0	46,562.0	52,404.3

<b>Barraza-Aviation Parkway: Neighborhood Traffic</b> <b>Description:</b> Design and construct traffic mitigation improvements in neighborhoods adjacent to the Barraza-Aviation Parkway.  <b>Justification:</b> This project addresses the traffic concerns of the neighborhoods impacted by construction of the Barraza-Aviation Parkway.									<b>Project ID:</b> S30G <b>Start Date:</b> 7/98 <b>End Date:</b> 6/07  <b>Location:</b> Wards 1, 5, and 6 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Highway User Revenue Fund	69.7	-	50.0	50.0	50.0	50.0	50.0	-	200.0	-	269.7
<b>Total</b>	69.7	-	50.0	50.0	50.0	50.0	50.0	-	200.0	-	269.7

## Transportation - Streets

(S000)

<b>Barraza-Aviation Parkway: St. Mary's/6th Street</b> <b>Description:</b> Design and construct a six-lane divided roadway on St. Mary's Road/6th Street from Interstate 10 to Church Avenue. Improvements will include landscaping, street lighting, storm drainage, sidewalks, and neighborhood traffic mitigation. Pima Association of Governments (PAG) funds are contingent upon regional allocation. The project is also funded from the state's Highway Expansion and Extension Loan Program (HELP), which uses pass-through Federal Highway Administration grant funds. <b>Justification:</b> These improvements will complete the western terminus of the Barraza-Aviation Parkway.									<b>Project ID:</b> S30L <b>Start Date:</b> 7/02 <b>End Date:</b> 6/05 <b>Location:</b> Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Capital Agreement Fund: PAG	800.0	-	800.0	800.0	1,000.0	-	-	-	1,800.0	-	2,600.0
Federal Highway Administration Grants	-	-	-	-	5,700.0	-	-	-	5,700.0	-	5,700.0
<b>Total</b>	800.0	-	800.0	800.0	6,700.0	-	-	-	7,500.0	-	8,300.0

<b>Barraza-Aviation Parkway: Tucson Arroyo, Phase I</b> <b>Description:</b> Conduct an realignment study and design concept report for the Tucson Arroyo, from the entrance at 10th Street to the outfall at 6th Street, west of Granada Avenue. Pima Association of Governments (PAG) funds are contingent upon regional allocations. <b>Justification:</b> This project will determine the most efficient alignment of the Tucson Arroyo through downtown.									<b>Project ID:</b> S30F <b>Start Date:</b> 7/98 <b>End Date:</b> 6/07 <b>Location:</b> Wards 1 and 6 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Capital Agreement Fund: PAG	639.5	-	-	-	-	-	2,800.0	-	2,800.0	-	3,439.5
<b>Total</b>	639.5	-	-	-	-	-	2,800.0	-	2,800.0	-	3,439.5

## Transportation - Streets

(S000)

<b>Barrio Anita Enhancements</b> <b>Description:</b> Construct walkways along the Interstate 10 frontage road, including landscaping, rest areas, street lighting, and artistic treatments. Federal Highway Administration funding is contingent upon allocation by the Pima Association of Governments.  <b>Justification:</b> These improvements, which are being made in conjunction with the Barrio Anita neighborhood, will mitigate the effects of recent Interstate 10 improvements.									<b>Project ID:</b> S033 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/04  <b>Location:</b> Ward 1		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
Federal Highway Administration Grants	-	-	471.0	471.0	-	-	-	-	471.0	-	471.0
Highway User Revenue Fund	14.0	15.0	-	15.0	-	-	-	-	15.0	-	29.0
<b>Total</b>	14.0	15.0	471.0	486.0	-	-	-	-	486.0	-	500.0

<b>Broadway Boulevard Right-Turn and Transit Lane</b> <b>Description:</b> Design and construct a right-turn and transit lane along Broadway Boulevard in front of the El Con Mall. These improvements are being made in partnership with the El Con Mall developer. The proposed improvements may impact the existing street lighting system and the traffic signals at Dodge Boulevard and Palo Verde Road.  <b>Justification:</b> These improvements will improve traffic flow and safety.									<b>Project ID:</b> S120 <b>Start Date:</b> 7/00 <b>End Date:</b> 6/04  <b>Location:</b> Ward 6 (within Rio Nuevo District)		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
Capital Agreement Fund	-	-	1,000.0	1,000.0	-	-	-	-	1,000.0	-	1,000.0
Highway User Revenue Fund	32.8	70.0	50.0	120.0	-	-	-	-	120.0	-	152.8
<b>Total</b>	32.8	70.0	1,050.0	1,120.0	-	-	-	-	1,120.0	-	1,152.8

## Transportation - Streets

(\$000)

<b>Broadway Boulevard: Euclid to Columbus</b> <b>Description:</b> Acquire the right-of-way needed to widen Broadway Boulevard to six lanes (with two transit lanes), and construct other roadway improvements, including a landscaped median, storm drainage, and bike lanes. Pima Association of Governments (PAG) funds are contingent upon regional allocations.  <b>Justification:</b> This project is being done in cooperation with Pima County, which has listed the project in its bond program, and will follow the Broadway Alignment Study approved by the Mayor and Council.									<b>Project ID:</b> S220 <b>Start Date:</b> 7/99 <b>End Date:</b> 6/07  <b>Location:</b> Ward 6 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Capital Agreement Fund: PAG	2,928.3	-	-	-	800.0	800.0	800.0	-	2,400.0	-	5,328.3
<b>Total</b>	2,928.3	-	-	-	800.0	800.0	800.0	-	2,400.0	-	5,328.3

<b>Bus-Related Roadway Improvements</b> <b>Description:</b> Design and construct bus-related roadway improvements. Typical improvements will include construction of bus pull-outs at signalized intersections, installation of new bus shelters, and construction of new or improved access. This is a 2000 bond program master project, which had an original allocation of \$3 million. Funding is reallocated to specific projects as they are identified.  <b>Justification:</b> These improvements will improve traffic flow and access to transit service.									<b>Project ID:</b> S240 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/05  <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Street and Highway Revenue Bond Funds	415.0	400.0	1,000.0	1,400.0	900.0	-	-	-	2,300.0	-	2,715.0
<b>Total</b>	415.0	400.0	1,000.0	1,400.0	900.0	-	-	-	2,300.0	-	2,715.0

## Transportation - Streets

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<b>Downtown Pedestrian Implementation</b> <b>Description:</b> Design and construct pedestrian improvements. Pima Association of Governments funds (PAG) are contingent upon regional allocations. The Fiscal Year 2004 funding will be used for improvements on Scott Avenue.  <b>Justification:</b> These improvements were recommended by the 1994 City Center Vision and Strategic Plan and were on the prioritized list in the Downtown Tucson Pedestrian Implementation Plan.									<b>Project ID:</b> S101 <b>Start Date:</b> 7/98 <b>End Date:</b> 6/08  <b>Location:</b> Wards 1, 5, and 6 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 Street and Highway Revenue Bond Funds	212.9	-	-	-	-	-	-	-	-	-	212.9
Capital Agreement Fund: PAG	-	200.0	400.0	600.0	400.0	200.0	200.0	200.0	1,600.0	-	1,600.0
Highway User Revenue Fund	365.8	-	-	-	-	-	-	-	-	-	365.8
<b>Total</b>	578.6	200.0	400.0	600.0	400.0	200.0	200.0	200.0	1,600.0	-	2,178.6

<b>Golf Links &amp; Craycroft Intersection Improvements</b> <b>Description:</b> Design and construct dual left turn lanes and exclusive right turn lanes.  <b>Justification:</b> These improvements will increase traffic capacity at this intersection, which experiences high peak hour delays and has a high priority ranking in the Tucson Transportation System Planning Study.									<b>Project ID:</b> S14P <b>Start Date:</b> 7/98 <b>End Date:</b> 6/04  <b>Location:</b> Ward 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 Street and Highway Revenue Bond Funds	61.7	-	-	-	-	-	-	-	-	-	61.7
2000 Street and Highway Revenue Bond Funds	31.5	-	1,500.0	1,500.0	-	-	-	-	1,500.0	-	1,531.5
<b>Total</b>	93.2	-	1,500.0	1,500.0	-	-	-	-	1,500.0	-	1,593.2



## Transportation - Streets

(S000)

<b>Golf Links and Kolb Intersection Improvements</b> <b>Description:</b> Design and construct intersection improvements, including dual left turn lanes, right turn lanes, bus pullouts, and new traffic signal equipment. Pima Association of Governments (PAG) funds are contingent upon regional allocations.  <b>Justification:</b> These improvements will improve traffic safety and increase roadway carrying capacity.									<b>Project ID:</b> S14Y <b>Start Date:</b> 7/01 <b>End Date:</b> 6/04 <b>Location:</b> Ward 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 Street and Highway Revenue Bond Funds	55.8	-	-	-	-	-	-	-	-	-	55.8
2000 Street and Highway Revenue Bond Funds	150.0	-	-	-	-	-	-	-	-	-	150.0
Capital Agreement Fund: PAG	-	-	1,075.0	1,075.0	-	-	-	-	1,075.0	-	1,075.0
<b>Total</b>	205.8	-	1,075.0	1,075.0	-	-	-	-	1,075.0	-	1,280.8

<b>Grant and Campbell Intersection Improvement</b> <b>Description:</b> Design and construct roadway capacity improvements to Campbell Avenue between Grant Road and Elm Street. Improvements include a six-lane divided roadway, landscaped buffers, neighborhood frontage roads, storm drains, street lighting, new traffic signals, and necessary right-of way acquisition. Pima Association of Governments (PAG) funds are contingent upon regional allocations.  <b>Justification:</b> These improvements will improve traffic safety, increase roadway carrying capacity, and decrease the number of vehicles cutting through the neighborhood.									<b>Project ID:</b> S137 <b>Start Date:</b> 7/98 <b>End Date:</b> 6/04 <b>Location:</b> Wards 3 and 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Capital Agreement Fund: PAG	10,885.4	-	1,000.0	1,000.0	-	-	-	-	1,000.0	-	11,885.4
<b>Total</b>	10,885.4	-	1,000.0	1,000.0	-	-	-	-	1,000.0	-	11,885.4

## Transportation - Streets

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<b>Harrison Road: Speedway to Old Spanish Trail</b> <b>Description:</b> Design and construct a four-lane divided arterial roadway with curbs, sidewalks, storm drains, street lighting, bike lanes, and landscaping. Pima Association of Governments (PAG) funds are contingent upon regional allocations. Federal Highway Administration funding is contingent upon allocation by the Pima Association of Governments.  <b>Justification:</b> These improvements will improve traffic safety and increase roadway carrying capacity.									<b>Project ID:</b> S025 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/06 <b>Location:</b> Wards 2 and 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Street and Highway Revenue Bond Funds	1,200.0	-	-	-	-	-	-	-	-	-	1,200.0
Capital Agreement Fund: PAG	-	-	500.0	500.0	1,000.0	-	-	-	1,500.0	-	1,500.0
Federal Highway Administration Grants	-	-	1,000.0	1,000.0	-	8,353.0	-	-	9,353.0	-	9,353.0
Special Assessments Construction Fund	-	-	-	-	-	1,400.0	-	-	1,400.0	-	1,400.0
<b>Total</b>	1,200.0	-	1,500.0	1,500.0	1,000.0	9,753.0	-	-	12,253.0	-	13,453.0

<b>Highland Avenue Bike and Pedestrian Improvements</b> <b>Description:</b> Design and construct streetscape improvements along Highland Avenue from 6th Street to Barraza-Aviation Parkway. Improvements will include sidewalks, bike lanes, landscaping, and street lighting. Federal Highway Administration funding is contingent upon allocation by the Pima Association of Governments.  <b>Justification:</b> These improvements will enhance the alternate modes opportunities along Highland Avenue.									<b>Project ID:</b> S149 <b>Start Date:</b> 3/99 <b>End Date:</b> 6/04 <b>Location:</b> Wards 5 and 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1984 Street and Highway Revenue Bond Funds	13.0	-	-	-	-	-	-	-	-	-	13.0
Federal Highway Administration Grants	-	-	940.0	940.0	-	-	-	-	940.0	-	940.0
Highway User Revenue Fund	128.1	310.0	-	310.0	-	-	-	-	310.0	-	438.1
<b>Total</b>	141.1	310.0	940.0	1,250.0	-	-	-	-	1,250.0	-	1,391.1

## Transportation - Streets

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<b>Intersection Operational Improvements</b> <b>Description:</b> Design and construct intersection improvements, including reconstruction of signalized intersections, construction of right turn lanes, and installation of new traffic signal equipment. This is a master project from the 2000 bond program, which had an original allocation of \$15 million. Funds are drawn down from this project and allocated to specific projects as they are identified.  <b>Justification:</b> These improvements will improve traffic flow and increase roadway carrying capacity.									<b>Project ID:</b> S210 <b>Start Date:</b> 7/03 <b>End Date:</b> 6/04 <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Street and Highway Revenue Bond Funds	-	-	2,133.5	2,133.5	-	-	-	-	2,133.5	-	2,133.5
<b>Total</b>	-	-	2,133.5	2,133.5	-	-	-	-	2,133.5	-	2,133.5

<b>Irvington Road: Kolb Road to Camino Seco</b> <b>Description:</b> Design and construct improvements that will widen this roadway to three lanes and include curbing, sidewalks, street lighting, and bike lanes. If funding permits, storm drains and landscaping will also be included. Federal Highway Administration funds are contingent upon allocation by the Pima Association of Governments (PAG). The gap in funding is due to the availability of regional funds.  <b>Justification:</b> These improvements will improve traffic safety and increase roadway carrying capacity.									<b>Project ID:</b> S066 <b>Start Date:</b> 7/03 <b>End Date:</b> 6/07 <b>Location:</b> Ward 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Capital Agreement Fund: PAG	-	-	-	-	-	-	1,135.0	-	1,135.0	-	1,135.0
Highway User Revenue Fund	-	-	142.0	142.0	-	-	100.0	-	242.0	-	242.0
<b>Total</b>	-	-	142.0	142.0	-	-	1,235.0	-	1,377.0	-	1,377.0

## Transportation - Streets

(S000)

<b>Miscellaneous Developer-Funded Improvements</b> <b>Description:</b> Design and construct improvements within the public right-of-way.  <b>Justification:</b> This project provides budget capacity for developer-funded improvements.									<b>Project ID:</b> S183 <b>Start Date:</b> Annual <b>End Date:</b> Annual <b>Location:</b> To be determined		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Capital Agreement Fund	-	-	600.0	600.0	600.0	600.0	600.0	600.0	3,000.0	-	3,000.0
<b>Total</b>	-	-	600.0	600.0	600.0	600.0	600.0	600.0	3,000.0	-	3,000.0

<b>Miscellaneous On-Call Street Improvements</b> <b>Description:</b> Design and construct minor street and spot improvements. Specific locations will be identified in the year of construction. Typical improvements include manhole reconstructions, railroad grade crossing modifications, and curb reconstructions.  <b>Justification:</b> This project ensures that the integrity of the roadway system is maintained.									<b>Project ID:</b> S100 <b>Start Date:</b> Annual <b>End Date:</b> Annual <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Highway User Revenue Fund	-	-	409.0	409.0	500.0	249.0	347.0	500.0	2,005.0	-	2,005.0
<b>Total</b>	-	-	409.0	409.0	500.0	249.0	347.0	500.0	2,005.0	-	2,005.0

## Transportation - Streets

(S000)

<b>Mountain Avenue: Ft. Lowell Road To Roger Road</b>										<b>Project ID:</b> S022		
<b>Description:</b> Design and construct roadway improvements that are consistent with the improvements along Mountain Avenue south of Ft. Lowell Road, including curbing, storm drainage, bike lanes, and landscaping. Pima Association of Governments (PAG) funding is contingent upon allocation.										<b>Start Date:</b> 7/99		
										<b>End Date:</b> 6/05		
										<b>Location:</b> Ward 3		
<b>Justification:</b> These improvements will complete the alternate modes corridor established along other segments of Mountain Avenue in the 1980s and continue the city's commitment to drainage and flood control.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008				
Capital Agreement Fund: PAG	-	-	-	-	7,000.0	-	-	-	7,000.0	-	7,000.0	
Highway User Revenue Fund	598.9	-	-	-	-	-	-	-	-	-	598.9	
<b>Total</b>	598.9	-	-	-	7,000.0	-	-	-	7,000.0	-	7,598.9	

<b>Old Nogales Highway Pedestrian Overpass</b>										<b>Project ID:</b> S319		
<b>Description:</b> Design and construct a pedestrian and bicycle overpass across Old Nogales Highway, south of Irvington Road.										<b>Start Date:</b> 7/98		
										<b>End Date:</b> 6/08		
										<b>Location:</b> Ward 5		
<b>Justification:</b> This bridge will link the El Pueblo Center with Rodeo Park.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008				
Capital Agreement Fund	8.9	-	-	-	-	-	-	-	-	-	8.9	
Highway User Revenue Fund	55.5	150.0	-	150.0	-	-	-	94.0	244.0	-	299.5	
Unfunded	-	-	-	-	-	-	-	1,725.0	1,725.0	-	1,725.0	
<b>Total</b>	64.4	150.0	-	150.0	-	-	-	1,819.0	1,969.0	-	2,033.4	

## Transportation - Streets

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<b>Oracle, Drachman, and Main Intersection</b> <b>Description:</b> Reconstruct and realign this intersection to a conventional T-intersection, eliminating the roundabout curve from Oracle to Drachman. Pima Association of Governments (PAG) funds are contingent upon regional allocations.  <b>Justification:</b> These improvements will encourage traffic to continue on Main to Speedway, increase the operational characteristics of the Stone/Speedway intersection, and improve pedestrian safety.									<b>Project ID:</b> S178 <b>Start Date:</b> 7/05 <b>End Date:</b> 6/06 <b>Location:</b> Ward 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Capital Agreement Fund: PAG	-	-	-	-	-	2,200.0	-	-	2,200.0	-	2,200.0
<b>Total</b>	-	-	-	-	-	2,200.0	-	-	2,200.0	-	2,200.0

<b>Park Avenue/Euclid Bike and Pedestrian Bridge</b> <b>Description:</b> Design and construct a multiple use bridge over Park Avenue/Euclid Avenue at the Union Pacific Railroad and the Barraza-Aviation Parkway. Pima Association of Governments (PAG) funds and Federal Highway Administration funds are contingent upon regional allocations.  <b>Justification:</b> This bridge will be the final link that connects the existing multiple use path with the multiple use bridge at Broadway Boulevard.									<b>Project ID:</b> S30E <b>Start Date:</b> 7/98 <b>End Date:</b> 6/04 <b>Location:</b> Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Capital Agreement Fund: PAG	232.1	-	-	-	-	-	-	-	-	-	232.1
Federal Highway Administration Grants	-	-	1,000.0	1,000.0	-	-	-	-	1,000.0	-	1,000.0
Highway User Revenue Fund	25.9	100.0	-	100.0	-	-	-	-	100.0	-	125.9
<b>Total</b>	258.1	100.0	1,000.0	1,100.0	-	-	-	-	1,100.0	-	1,358.1

## Transportation - Streets

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<b>Pedestrian Improvements</b> <b>Description:</b> Design and construct pedestrian improvements, including installation of curb access ramps and missing sidewalk segments, and the repair of damaged sidewalks. This is a 2000 bond program master project; funds are drawn down as individual projects are identified. The original bond allocation for this project was \$2 million.  <b>Justification:</b> This project supports the city's commitment to alternate modes of transportation.									<b>Project ID:</b> S230 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/05 <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Street and Highway Revenue Bond Funds	217.0	450.0	666.0	1,116.0	522.0	-	-	-	1,638.0	-	1,855.0
<b>Total</b>	217.0	450.0	666.0	1,116.0	522.0	-	-	-	1,638.0	-	1,855.0

<b>Road Resurfacing, Restoration, &amp; Rehabilitation</b> <b>Description:</b> Resurface, restore, and rehabilitate pavements on eligible streets. Federal Highway Administration funds are contingent upon allocation by the Pima Association of Governments. The gap in funding is due to the availability of regional funds.  <b>Justification:</b> These improvements will maintain safe roadway surfaces and structural integrity.									<b>Project ID:</b> S108 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/08 <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Federal Highway Administration Grants	-	-	5,000.0	5,000.0	5,000.0	1,216.0	-	10,000.0	21,216.0	-	21,216.0
Highway User Revenue Fund	584.0	500.0	285.0	785.0	685.0	-	-	-	1,470.0	-	2,054.0
<b>Total</b>	584.0	500.0	5,285.0	5,785.0	5,685.0	1,216.0	-	10,000.0	22,686.0	-	23,270.0

## Transportation - Streets

(S000)

<b>South 10th Avenue Bike &amp; Pedestrian Enhancement</b> <b>Description:</b> Design and construct streetscape and traffic calming improvements in conjunction with the HOPE VI housing redevelopment along South 10th Avenue between 19th and 22nd Streets. Improvements will include sidewalks, landscaping, bike lanes, on-street parking, and enhanced pedestrian crossings. Pima Association of Governments (PAG) and Federal Highway Administration funding are contingent upon regional allocations.  <b>Justification:</b> This project will complete redevelopment of old Connie Chambers public housing units.									<b>Project ID:</b> S184 <b>Start Date:</b> 7/03 <b>End Date:</b> 6/04  <b>Location:</b> Ward 5		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
Capital Agreement Fund: PAG	-	-	737.0	737.0	-	-	-	-	737.0	-	737.0
Federal Highway Administration Grants	-	-	500.0	500.0	-	-	-	-	500.0	-	500.0
<b>Total</b>	-	-	1,237.0	1,237.0	-	-	-	-	1,237.0	-	1,237.0

<b>South 10th Avenue Revitalization</b> <b>Description:</b> Design and construct landscape improvements on South 10th Avenue between 22nd Street and 29th Street. This work is being performed in conjunction with the City of South Tucson. Federal Highway Administration funding in contingent upon allocation by the Pima Association of Governments.  <b>Justification:</b> This project will complete South Tucson's recent upgrade of South 10th Avenue.									<b>Project ID:</b> S185 <b>Start Date:</b> 7/03 <b>End Date:</b> 6/04  <b>Location:</b> Ward 5		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
Capital Agreement Fund	-	-	35.0	35.0	-	-	-	-	35.0	-	35.0
Federal Highway Administration Grants	-	-	449.0	449.0	-	-	-	-	449.0	-	449.0
<b>Total</b>	-	-	484.0	484.0	-	-	-	-	484.0	-	484.0



## Transportation - Streets

(S000)

<b>South 4th Avenue Streetscape Enhancement</b> <b>Description:</b> Design and construct pedestrian improvements along south 4th Avenue between 22nd Street and the South Tucson city limits. Improvements will include sidewalks, landscaping, and roadway curvature similar to the roadway alignment within South Tucson. Federal Highway Administration funding is contingent upon allocation by the Pima Association of Governments.  <b>Justification:</b> This project satisfies the requirements of a Federal Transportation Enhancement grant.									<b>Project ID:</b> S177 <b>Start Date:</b> 7/03 <b>End Date:</b> 6/04 <b>Location:</b> Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Federal Highway Administration Grants	-	-	474.0	474.0	-	-	-	-	474.0	-	474.0
Highway User Revenue Fund	-	-	35.0	35.0	-	-	-	-	35.0	-	35.0
<b>Total</b>	-	-	509.0	509.0	-	-	-	-	509.0	-	509.0

<b>South Yard Drill Track Improvements</b> <b>Description:</b> Acquire parcels and relocate property owners.  <b>Justification:</b> This project will allow for the construction of the new west bound Interstate 10 frontage road from Congress Street to Speedway Boulevard.									<b>Project ID:</b> S155 <b>Start Date:</b> 12/99 <b>End Date:</b> 6/04 <b>Location:</b> Wards 1 and 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Highway User Revenue Fund	3,043.8	100.0	131.0	231.0	-	-	-	-	231.0	-	3,274.8
<b>Total</b>	3,043.8	100.0	131.0	231.0	-	-	-	-	231.0	-	3,274.8

## Transportation - Streets

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<b>Speedway and Main Intersection</b> <b>Description:</b> Reconstruct the intersection to include two left turning lanes from southbound Main to eastbound Speedway. Pima Association of Governments (PAG) funds are contingent upon regional allocations.  <b>Justification:</b> The project at the Oracle/Drachman/Main intersection will generate additional traffic at this location. This project will help improve the traffic flow and increase roadway carrying capacity at this intersection and at the Stone and Speedway intersection.									<b>Project ID:</b> S179 <b>Start Date:</b> 7/06 <b>End Date:</b> 6/07  <b>Location:</b> Wards 1 and 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Capital Agreement Fund: PAG	-	-	-	-	-	-	200.0	-	200.0	-	200.0
<b>Total</b>	-	-	-	-	-	-	200.0	-	200.0	-	200.0

<b>Speedway and Stone Avenue Gateway Improvements</b> <b>Description:</b> Design and construct gateway improvements at Speedway Boulevard and Stone Avenue. Funding is primarily provided by the state's Highway Expansion and Extension Loan Program (HELP), which uses pass-through Federal Highway Administration grants.  <b>Justification:</b> These improvements will enhance the northern gateway into downtown.									<b>Project ID:</b> S14W <b>Start Date:</b> 7/00 <b>End Date:</b> 6/04  <b>Location:</b> Wards 1, 3, and 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 Street and Highway Revenue Bond Funds	550.0	-	-	-	-	-	-	-	-	-	550.0
Capital Agreement Fund: PAG	320.4	-	-	-	-	-	-	-	-	-	320.4
Federal Highway Administration Grants	-	-	4,000.0	4,000.0	-	-	-	-	4,000.0	-	4,000.0
<b>Total</b>	870.4	-	4,000.0	4,000.0	-	-	-	-	4,000.0	-	4,870.4

## Transportation - Streets

(S000)

<b>Starr Pass Boulevard Improvements</b> <b>Description:</b> Design and construct roadway improvements in the vicinity of Starr Pass Boulevard and Players Club Drive.  <b>Justification:</b> These improvements will extend public access along Starr Pass Boulevard.									<b>Project ID:</b> S213 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/04  <b>Location:</b> Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Highway User Revenue Fund	-	2,000.0	-	2,000.0	-	-	-	-	2,000.0	-	2,000.0
<b>Total</b>	-	2,000.0	-	2,000.0	-	-	-	-	2,000.0	-	2,000.0

<b>Stone and Limberlost Intersection Improvements</b> <b>Description:</b> Construct three landscaped median islands on Stone Avenue between Roger Road and Limberlost. Federal Highway Administration funding is contingent upon allocation by the Pima Association of Governments.  <b>Justification:</b> These traffic mitigation measures will reduce travel speeds through the Stone Avenue curves at this location.									<b>Project ID:</b> S181 <b>Start Date:</b> 7/03 <b>End Date:</b> 6/04  <b>Location:</b> Ward 3		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Federal Highway Administration Grants	-	-	260.0	260.0	-	-	-	-	260.0	-	260.0
<b>Total</b>	-	-	260.0	260.0	-	-	-	-	260.0	-	260.0

## Transportation - Streets

(\$000)

<b>Stone Avenue: 6th Street to Speedway</b> <b>Description:</b> Construct pedestrian and landscape features, including sidewalks and seating areas; reconstruct and resurface the roadway to include bicycle lanes and landscaped median islands for traffic calming. Federal Highway Administration funding is contingent upon allocation by the Pima Association of Governments.  <b>Justification:</b> The amenities provided by this project will encourage private investment and redevelopment along the Stone Avenue corridor.									<b>Project ID:</b> S182 <b>Start Date:</b> 7/05 <b>End Date:</b> 6/06 <b>Location:</b> Ward 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Federal Highway Administration Grants	-	-	-	-	-	474.0	-	-	474.0	-	474.0
<b>Total</b>	-	-	-	-	-	474.0	-	-	474.0	-	474.0

<b>Stone Avenue: Ft. Lowell Road to Wetmore Road</b> <b>Description:</b> Design and construct sidewalks, streetscape and public art, and landscaping along this segment of the Stone Avenue Corridor. The gap in funding is due to the availability of regional funds.  <b>Justification:</b> This project will continue the city's commitment to revitalization of the Stone Avenue Corridor.									<b>Project ID:</b> S186 <b>Start Date:</b> 7/03 <b>End Date:</b> 6/06 <b>Location:</b> Wards 1, 3, and 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Capital Agreement Fund: PAG	-	-	250.0	250.0	-	500.0	-	-	750.0	-	750.0
<b>Total</b>	-	-	250.0	250.0	-	500.0	-	-	750.0	-	750.0

## Transportation - Streets

(\$000)

<b>Stone Avenue: Speedway to Ft. Lowell Road</b> <b>Description:</b> Design and construct traffic signals, bus pullouts, street lighting, sidewalks, bike paths, streetscape and public art, and landscaping along this segment of the Stone Avenue Corridor.  <b>Justification:</b> This project will continue the city's commitment to revitalization of the Stone Avenue corridor.									<b>Project ID:</b> S216 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/04  <b>Location:</b> Wards 1, 3, and 6 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Capital Agreement Fund: PAG	174.2	280.0	1,000.0	1,280.0	-	-	-	-	1,280.0	-	1,454.2
<b>Total</b>	174.2	280.0	1,000.0	1,280.0	-	-	-	-	1,280.0	-	1,454.2

<b>Transportation Enhancements</b> <b>Description:</b> Design and construct transportation enhancements.  <b>Justification:</b> This project provides budget capacity for grants that may be awarded by the Arizona Department of Transportation.									<b>Project ID:</b> S217 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/08  <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Capital Agreement Fund: ADOT	500.0	-	500.0	500.0	500.0	500.0	500.0	500.0	2,500.0	-	3,000.0
Highway User Revenue Fund	50.0	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	-	300.0
<b>Total</b>	550.0	-	550.0	550.0	550.0	550.0	550.0	550.0	2,750.0	-	3,300.0

## Transportation - Drainage

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Alamo Wash Drainage Improvements</b>											
2000 General Obligation Bond Funds	-	-	300.0	<b>300.0</b>	1,000.0	1,500.0	-	-	<b>2,800.0</b>	-	2,800.0
	-	-	<b>300.0</b>	<b>300.0</b>	<b>1,000.0</b>	<b>1,500.0</b>	-	-	<b>2,800.0</b>	-	<b>2,800.0</b>
<b>Arroyo Chico Drainage Improvements</b>											
2000 General Obligation Bond Funds	1,000.0	200.0	825.0	<b>1,025.0</b>	825.0	-	-	-	<b>1,850.0</b>	-	2,850.0
	<b>1,000.0</b>	<b>200.0</b>	<b>825.0</b>	<b>1,025.0</b>	<b>825.0</b>	-	-	-	<b>1,850.0</b>	-	<b>2,850.0</b>
<b>Arroyo Chico Greenbelt Extension</b>											
2000 General Obligation Bond Funds	-	162.0	-	<b>162.0</b>	-	-	-	-	<b>162.0</b>	-	162.0
	-	<b>162.0</b>	-	<b>162.0</b>	-	-	-	-	<b>162.0</b>	-	<b>162.0</b>
<b>Citation Wash Drainage Improvements</b>											
2000 General Obligation Bond Funds	84.1	65.9	-	<b>65.9</b>	-	-	-	-	<b>65.9</b>	-	150.0
	<b>84.1</b>	<b>65.9</b>	-	<b>65.9</b>	-	-	-	-	<b>65.9</b>	-	<b>150.0</b>
<b>Columbus Wash Drainage Relief, Phase II</b>											
2000 General Obligation Bond Funds	261.5	-	5,400.0	<b>5,400.0</b>	2,338.5	-	-	-	<b>7,738.5</b>	-	8,000.0
	<b>261.5</b>	-	<b>5,400.0</b>	<b>5,400.0</b>	<b>2,338.5</b>	-	-	-	<b>7,738.5</b>	-	<b>8,000.0</b>
<b>El Vado Wash Drainage Improvements</b>											
2000 General Obligation Bond Funds	750.0	-	1,492.3	<b>1,492.3</b>	507.7	-	-	-	<b>2,000.0</b>	-	2,750.0
	<b>750.0</b>	-	<b>1,492.3</b>	<b>1,492.3</b>	<b>507.7</b>	-	-	-	<b>2,000.0</b>	-	<b>2,750.0</b>
<b>Jefferson Park Drainage Improvements</b>											
2000 General Obligation Bond Funds	150.0	-	1,189.0	<b>1,189.0</b>	-	-	-	-	<b>1,189.0</b>	-	1,339.0
Capital Agreement Fund	50.0	-	500.0	<b>500.0</b>	-	-	-	-	<b>500.0</b>	-	550.0
	<b>200.0</b>	-	<b>1,689.0</b>	<b>1,689.0</b>	-	-	-	-	<b>1,689.0</b>	-	<b>1,889.0</b>
<b>Miscellaneous Drainage Improvement Program</b>											
2000 General Obligation Bond Funds	363.6	-	1,214.7	<b>1,214.7</b>	-	-	-	-	<b>1,214.7</b>	-	1,578.3
	<b>363.6</b>	-	<b>1,214.7</b>	<b>1,214.7</b>	-	-	-	-	<b>1,214.7</b>	-	<b>1,578.3</b>
<b>Mission View Wash Detention/Retention Facility</b>											
2000 General Obligation Bond Funds	-	-	-	-	700.0	700.0	-	-	<b>1,400.0</b>	-	1,400.0
	-	-	-	-	<b>700.0</b>	<b>700.0</b>	-	-	<b>1,400.0</b>	-	<b>1,400.0</b>

## Transportation - Drainage

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Pantano Wash: Broadway Bank Improvement</b>											
Special Assessments Construction Fund	701.6	-	250.0	<b>250.0</b>	-	-	-	-	<b>250.0</b>	-	951.6
	<b>701.6</b>	-	<b>250.0</b>	<b>250.0</b>	-	-	-	-	<b>250.0</b>	-	<b>951.6</b>
<b>Park Avenue Detention Basin</b>											
1994 General Obligation Bond Funds	781.1	-	-	-	-	-	-	-	-	-	781.1
2000 General Obligation Bond Funds	100.0	150.0	-	<b>150.0</b>	-	-	-	-	<b>150.0</b>	-	250.0
	<b>881.1</b>	<b>150.0</b>	-	<b>150.0</b>	-	-	-	-	<b>150.0</b>	-	<b>1,031.1</b>
<b>Rillito Creek Habitat Restoration</b>											
2000 General Obligation Bond Funds	37.5	-	402.5	<b>402.5</b>	-	-	-	-	<b>402.5</b>	-	440.0
Miscellaneous Non-Federal Grants	-	-	293.0	<b>293.0</b>	-	-	-	-	<b>293.0</b>	-	293.0
	<b>37.5</b>	-	<b>695.5</b>	<b>695.5</b>	-	-	-	-	<b>695.5</b>	-	<b>733.0</b>
<b>Santa Cruz River Park Extension</b>											
1994 General Obligation Bond Funds	28.2	-	171.8	<b>171.8</b>	-	-	-	-	<b>171.8</b>	-	200.0
2000 General Obligation Bond Funds	2.8	-	625.2	<b>625.2</b>	-	-	-	-	<b>625.2</b>	-	628.0
Miscellaneous Non-Federal Grants	-	-	435.0	<b>435.0</b>	-	-	-	-	<b>435.0</b>	-	435.0
	<b>31.0</b>	-	<b>1,232.0</b>	<b>1,232.0</b>	-	-	-	-	<b>1,232.0</b>	-	<b>1,263.0</b>
<b>Stormwater Quality Program</b>											
2000 General Obligation Bond Funds	240.0	-	360.0	<b>360.0</b>	200.0	-	-	-	<b>560.0</b>	-	800.0
	<b>240.0</b>	-	<b>360.0</b>	<b>360.0</b>	<b>200.0</b>	-	-	-	<b>560.0</b>	-	<b>800.0</b>
<b>Tucson Stormwater Management Study Improvements</b>											
Unfunded	-	-	-	-	12,000.0	12,000.0	12,000.0	12,000.0	<b>48,000.0</b>	72,000.0	120,000.0
	-	-	-	-	<b>12,000.0</b>	<b>12,000.0</b>	<b>12,000.0</b>	<b>12,000.0</b>	<b>48,000.0</b>	<b>72,000.0</b>	<b>120,000.0</b>

## Transportation - Drainage

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Wyoming Wash Drainage Improvements</b>											
2000 General Obligation Bond Funds	50.0	-	200.0	<b>200.0</b>	-	-	-	-	<b>200.0</b>	-	250.0
	<b>50.0</b>	-	<b>200.0</b>	<b>200.0</b>	-	-	-	-	<b>200.0</b>	-	<b>250.0</b>
<b>Program Area Total</b>	<b>4,600.5</b>	<b>577.9</b>	<b>13,658.5</b>	<b>14,236.4</b>	<b>17,571.2</b>	<b>14,200.0</b>	<b>12,000.0</b>	<b>12,000.0</b>	<b>70,007.6</b>	<b>72,000.0</b>	<b>146,608.1</b>
<b>Source of Funds Summary</b>											
1994 General Obligation Bond Funds	809.4	-	171.8	<b>171.8</b>	-	-	-	-	<b>171.8</b>	-	981.2
2000 General Obligation Bond Funds	3,039.5	577.9	12,008.7	<b>12,586.6</b>	5,571.2	2,200.0	-	-	<b>20,357.8</b>	-	23,397.3
Capital Agreement Fund	50.0	-	500.0	<b>500.0</b>	-	-	-	-	<b>500.0</b>	-	550.0
Miscellaneous Non-Federal Grants	-	-	728.0	<b>728.0</b>	-	-	-	-	<b>728.0</b>	-	728.0
Special Assessments Construction Fund	701.6	-	250.0	<b>250.0</b>	-	-	-	-	<b>250.0</b>	-	951.6
Unfunded	-	-	-	-	12,000.0	12,000.0	12,000.0	12,000.0	<b>48,000.0</b>	72,000.0	120,000.0
<b>Program Area Total</b>	<b>4,600.5</b>	<b>577.9</b>	<b>13,658.5</b>	<b>14,236.4</b>	<b>17,571.2</b>	<b>14,200.0</b>	<b>12,000.0</b>	<b>12,000.0</b>	<b>70,007.6</b>	<b>72,000.0</b>	<b>146,608.1</b>



## Transportation - Drainage

(S000)

<b>Alamo Wash Drainage Improvements</b> <b>Description:</b> Design and construct drainage improvements to various reaches of Alamo Wash.  <b>Justification:</b> These improvements were identified as high priorities in the Tucson Stormwater Management Study.									<b>Project ID:</b> S080 <b>Start Date:</b> 7/03 <b>End Date:</b> 6/06  <b>Location:</b> Wards 3, 4, and 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	-	-	300.0	300.0	1,000.0	1,500.0	-	-	2,800.0	-	2,800.0
<b>Total</b>	-	-	300.0	300.0	1,000.0	1,500.0	-	-	2,800.0	-	2,800.0

<b>Arroyo Chico Drainage Improvements</b> <b>Description:</b> Design and construct drainage improvements on Timrod Street between Alvernon Way and Columbus Boulevard, and along Columbus Boulevard and Rosemont Avenue.  <b>Justification:</b> These improvements were identified as high priorities in the Tucson Stormwater Management Study.									<b>Project ID:</b> S040 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/05  <b>Location:</b> Ward 6 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	1,000.0	200.0	825.0	1,025.0	825.0	-	-	-	1,850.0	-	2,850.0
<b>Total</b>	1,000.0	200.0	825.0	1,025.0	825.0	-	-	-	1,850.0	-	2,850.0

## Transportation - Drainage

(\$000)

<b>Arroyo Chico Greenbelt Extension</b> <b>Description:</b> Investigate the feasibility of extending the Arroyo Chico greenbelt to the east, from Campbell Avenue/Kino Boulevard to Tucson Boulevard. If feasibility is established, design and construct the greenbelt extension.  <b>Justification:</b> This project would extend the Arroyo Chico greenbelt west of Campbell Avenue/Kino Boulevard, which is being restored as a part of the Park Avenue Detention Basin project.									<b>Project ID:</b> S409 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/04 <b>Location:</b> Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	-	162.0	-	162.0	-	-	-	-	162.0	-	162.0
<b>Total</b>	-	162.0	-	162.0	-	-	-	-	162.0	-	162.0

<b>Citation Wash Drainage Improvements</b> <b>Description:</b> Design and construct an enlarged earthen channel section with vegetated banks from 22nd Street to Alvernon Way.  <b>Justification:</b> This project was identified as a high priority in the Tucson Stormwater Management Study.									<b>Project ID:</b> S039 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/04 <b>Location:</b> Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	84.1	65.9	-	65.9	-	-	-	-	65.9	-	150.0
<b>Total</b>	84.1	65.9	-	65.9	-	-	-	-	65.9	-	150.0

## Transportation - Drainage

(\$000)

<b>Columbus Wash Drainage Relief, Phase II</b> <b>Description:</b> Design and construct the final phase of the Columbus Wash project, which includes the extension of the storm drain system upstream along the possible alignment of Belvedere Road to south of Speedway Boulevard.  <b>Justification:</b> When the project is completed, the floodplain map will be revised and numerous properties will no longer be within the floodplain boundaries.									<b>Project ID:</b> S407 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/05 <b>Location:</b> Ward 6		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 General Obligation Bond Funds	261.5	-	5,400.0	<b>5,400.0</b>	2,338.5	-	-	-	<b>7,738.5</b>	-	<b>8,000.0</b>
<b>Total</b>	261.5	-	5,400.0	<b>5,400.0</b>	2,338.5	-	-	-	<b>7,738.5</b>	-	<b>8,000.0</b>

<b>El Vado Wash Drainage Improvements</b> <b>Description:</b> Design and construct an enlarged channel section from Missiondale Road to 12th Avenue. This project has been combined with the Los Reales and 6th Avenue Drainage Improvements project listed in the May 2000 Bond Program. Work on this project will be coordinated with a separate project being proposed by the U.S. Army Corps of Engineers.  <b>Justification:</b> These improvements were identified as high priorities in the Tucson Stormwater Management Study.									<b>Project ID:</b> S038 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/05 <b>Location:</b> Ward 1		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 General Obligation Bond Funds	750.0	-	1,492.3	<b>1,492.3</b>	507.7	-	-	-	<b>2,000.0</b>	-	<b>2,750.0</b>
<b>Total</b>	750.0	-	1,492.3	<b>1,492.3</b>	507.7	-	-	-	<b>2,000.0</b>	-	<b>2,750.0</b>

## Transportation - Drainage

(S000)

<b>Jefferson Park Drainage Improvements</b> <b>Description:</b> Design and construct drainage improvements in and around the Jefferson Park neighborhood, which is located directly north of the University Medical Center. The University of Arizona will be approached to participate in the funding of this project.  <b>Justification:</b> These improvements will provide drainage relief to residential properties.										<b>Project ID:</b> S08A <b>Start Date:</b> 7/02 <b>End Date:</b> 6/04  <b>Location:</b> Ward 3		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
2000 General Obligation Bond Funds	150.0	-	1,189.0	<b>1,189.0</b>	-	-	-	-	<b>1,189.0</b>	-	<b>1,339.0</b>	
Capital Agreement Fund	50.0	-	500.0	<b>500.0</b>	-	-	-	-	<b>500.0</b>	-	<b>550.0</b>	
<b>Total</b>	200.0	-	1,689.0	<b>1,689.0</b>	-	-	-	-	<b>1,689.0</b>	-	<b>1,889.0</b>	

<b>Miscellaneous Drainage Improvement Program</b> <b>Description:</b> Design and construct miscellaneous drainage improvements.  <b>Justification:</b> These improvements will provide drainage relief.										<b>Project ID:</b> S084 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/04  <b>Location:</b> Citywide		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
2000 General Obligation Bond Funds	363.6	-	1,214.7	<b>1,214.7</b>	-	-	-	-	<b>1,214.7</b>	-	<b>1,578.3</b>	
<b>Total</b>	363.6	-	1,214.7	<b>1,214.7</b>	-	-	-	-	<b>1,214.7</b>	-	<b>1,578.3</b>	

## Transportation - Drainage

(S000)

<b>Mission View Wash Detention/Retention Facility</b> <b>Description:</b> Design and construct a stormwater detention/retention facility on a vacant parcel located southeast of the intersection of 36th Street and Park Avenue, augmenting a Pima County bond project.  <b>Justification:</b> This project was identified as a high priority in the Tucson Stormwater Management Study.									<b>Project ID:</b> S051 <b>Start Date:</b> 7/04 <b>End Date:</b> 6/06 <b>Location:</b> Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	-	-	-	-	700.0	700.0	-	-	1,400.0	-	1,400.0
<b>Total</b>	-	-	-	-	700.0	700.0	-	-	1,400.0	-	1,400.0

<b>Pantano Wash: Broadway Bank Improvement</b> <b>Description:</b> Provide bank protection, landscaping, and park improvements to the Pantano Wash north of Broadway Boulevard.  <b>Justification:</b> This project, which is being funded by private property assessments and developer contributions, will improve drainage and allow for the creation of a linear park.									<b>Project ID:</b> S455 <b>Start Date:</b> 7/99 <b>End Date:</b> 6/04 <b>Location:</b> Ward 2		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Special Assessments Construction Fund	701.6	-	250.0	250.0	-	-	-	-	250.0	-	951.6
<b>Total</b>	701.6	-	250.0	250.0	-	-	-	-	250.0	-	951.6

## Transportation - Drainage

(\$000)

<b>Park Avenue Detention Basin</b> <b>Description:</b> Design and construct a flood control basin that incorporates recreation and habitat preservation into a community park. This is a U.S. Army Corps of Engineers' project with Pima County Flood Control District as the local sponsor. The U.S. Army Corps of Engineers requires that local entities pay for land acquisition and preferred options, such as recreation and habitat preservation.  <b>Justification:</b> This second phase of a jointly sponsored project will remove approximately 1,400 properties from the 100-year floodplain, relieving property owners of the requirement to purchase flood insurance.									<b>Project ID:</b> S400 <b>Start Date:</b> 7/97 <b>End Date:</b> 6/04  <b>Location:</b> Wards 1, 5, and 6		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
1994 General Obligation Bond Funds	781.1	-	-	-	-	-	-	-	-	-	781.1
2000 General Obligation Bond Funds	100.0	150.0	-	150.0	-	-	-	-	150.0	-	250.0
<b>Total</b>	881.1	150.0	-	150.0	-	-	-	-	150.0	-	1,031.1

<b>Rillito Creek Habitat Restoration</b> <b>Description:</b> Design and construct a 20-acre riparian and upland habitat project on county-owned property.  <b>Justification:</b> This project will create opportunities for the public to learn about riparian and upland habitats, their historic significance, and cultural influences.									<b>Project ID:</b> S397 <b>Start Date:</b> 7/98 <b>End Date:</b> 6/04  <b>Location:</b> Ward 2		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 General Obligation Bond Funds	37.5	-	402.5	402.5	-	-	-	-	402.5	-	440.0
Miscellaneous Non-Federal Grants	-	-	293.0	293.0	-	-	-	-	293.0	-	293.0
<b>Total</b>	37.5	-	695.5	695.5	-	-	-	-	695.5	-	733.0

## Transportation - Drainage

(\$000)

<b>Santa Cruz River Park Extension</b> <b>Description:</b> Design and construct a 50-acre riparian and upland habitat project on city-owned property.  <b>Justification:</b> This project will create opportunities for the public to learn about riparian and upland habitats, their historical significance, and cultural influences.									<b>Project ID:</b> S398 <b>Start Date:</b> 7/98 <b>End Date:</b> 6/04  <b>Location:</b> Ward 1 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 General Obligation Bond Funds	28.2	-	171.8	171.8	-	-	-	-	171.8	-	200.0
2000 General Obligation Bond Funds	2.8	-	625.2	625.2	-	-	-	-	625.2	-	628.0
Miscellaneous Non-Federal Grants	-	-	435.0	435.0	-	-	-	-	435.0	-	435.0
<b>Total</b>	31.0	-	1,232.0	1,232.0	-	-	-	-	1,232.0	-	1,263.0

<b>Stormwater Quality Program</b> <b>Description:</b> Modify and retrofit city-owned facilities.  <b>Justification:</b> These improvements are necessary to meet federal and state stormwater quality regulations and permit requirements.									<b>Project ID:</b> S003 <b>Start Date:</b> 7/00 <b>End Date:</b> 6/05  <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	240.0	-	360.0	360.0	200.0	-	-	-	560.0	-	800.0
<b>Total</b>	240.0	-	360.0	360.0	200.0	-	-	-	560.0	-	800.0

## Transportation - Drainage

(\$000)

<div><div><b>Tucson Stormwater Management Study Improvements</b> <b>Description:</b> Design and construct drainage improvements.  <b>Justification:</b> These improvements are based on recommendations of the Tucson Stormwater Management Study.</div><div><b>Project ID:</b> S008 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> Citywide</div></div>											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	12,000.0	12,000.0	12,000.0	12,000.0	48,000.0	72,000.0	120,000.0
Total	-	-	-	-	12,000.0	12,000.0	12,000.0	12,000.0	48,000.0	72,000.0	120,000.0

<div><div><b>Wyoming Wash Drainage Improvements</b> <b>Description:</b> Design and construct drainage improvements along that portion of the Wyoming Wash that runs through the Sunnyside and Irvington neighborhoods.</div><div><b>Justification:</b> These improvements will improve the water hydraulics and enhance the appearance of the wash through revegetation.</div></div>									<div><b>Project ID:</b> S410 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/04  <b>Location:</b> Ward 1</div>		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 General Obligation Bond Funds	50.0	-	200.0	200.0	-	-	-	-	200.0	-	250.0
<b>Total</b>	50.0	-	200.0	200.0	-	-	-	-	200.0	-	250.0



## Transportation - Street Lighting

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>12th Avenue: Veterans Boulevard to Ajo Way</b>											
2000 General Obligation Bond Funds	-	49.0	-	<b>49.0</b>	-	-	-	-	<b>49.0</b>	-	49.0
Special Assessments Construction Fund	-	14.0	-	<b>14.0</b>	-	-	-	-	<b>14.0</b>	-	14.0
	-	<b>63.0</b>	-	<b>63.0</b>	-	-	-	-	<b>63.0</b>	-	<b>63.0</b>
<b>1st Avenue: Prince Road to River Road</b>											
2000 General Obligation Bond Funds	171.0	-	280.0	<b>280.0</b>	-	-	-	-	<b>280.0</b>	-	451.0
Special Assessments Construction Fund	-	120.0	-	<b>120.0</b>	-	-	-	-	<b>120.0</b>	-	120.0
	<b>171.0</b>	<b>120.0</b>	<b>280.0</b>	<b>400.0</b>	-	-	-	-	<b>400.0</b>	-	<b>571.0</b>
<b>Arterial Street Lighting Pole Relocation</b>											
2000 General Obligation Bond Funds	103.0	-	-	-	-	-	-	-	-	-	103.0
Highway User Revenue Fund	154.2	-	-	-	-	-	-	-	-	-	154.2
Unfunded	-	-	-	-	309.0	219.0	225.0	250.0	<b>1,003.0</b>	-	1,003.0
	<b>257.2</b>	-	-	-	<b>309.0</b>	<b>219.0</b>	<b>225.0</b>	<b>250.0</b>	<b>1,003.0</b>	-	<b>1,260.2</b>
<b>Benson Highway: 44th Street to Park Avenue</b>											
2000 General Obligation Bond Funds	-	32.0	-	<b>32.0</b>	-	-	-	-	<b>32.0</b>	-	32.0
	-	<b>32.0</b>	-	<b>32.0</b>	-	-	-	-	<b>32.0</b>	-	<b>32.0</b>
<b>Campbell Avenue: Roger Road to River Road</b>											
2000 General Obligation Bond Funds	96.0	220.0	-	<b>220.0</b>	-	-	-	-	<b>220.0</b>	-	316.0
Special Assessments Construction Fund	83.0	-	-	-	-	-	-	-	-	-	83.0
	<b>179.0</b>	<b>220.0</b>	-	<b>220.0</b>	-	-	-	-	<b>220.0</b>	-	<b>399.0</b>
<b>Country Club Road: Broadway to 22nd Street</b>											
2000 General Obligation Bond Funds	100.0	250.0	250.0	<b>500.0</b>	-	-	-	-	<b>500.0</b>	-	600.0
Special Assessments Construction Fund	55.0	50.0	-	<b>50.0</b>	-	-	-	-	<b>50.0</b>	-	105.0
	<b>155.0</b>	<b>300.0</b>	<b>250.0</b>	<b>550.0</b>	-	-	-	-	<b>550.0</b>	-	<b>705.0</b>
<b>Euclid Avenue Lighting: Broadway to Speedway</b>											
2000 General Obligation Bond Funds	200.0	200.0	600.0	<b>800.0</b>	-	-	-	-	<b>800.0</b>	-	1,000.0
Special Assessments Construction Fund	50.0	100.0	-	<b>100.0</b>	-	-	-	-	<b>100.0</b>	-	150.0
	<b>250.0</b>	<b>300.0</b>	<b>600.0</b>	<b>900.0</b>	-	-	-	-	<b>900.0</b>	-	<b>1,150.0</b>

## Transportation - Street Lighting

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Life Extensions and Electrical Upgrades</b>											
Highway User Revenue Fund	908.9	-	341.0	<b>341.0</b>	398.0	-	-	-	<b>739.0</b>	-	1,647.9
	<b>908.9</b>	-	<b>341.0</b>	<b>341.0</b>	<b>398.0</b>	-	-	-	<b>739.0</b>	-	<b>1,647.9</b>
<b>Miscellaneous Collector and Arterial Lighting</b>											
Unfunded	-	-	-	-	4,000.0	4,000.0	4,000.0	4,000.0	<b>16,000.0</b>	-	16,000.0
	-	-	-	-	<b>4,000.0</b>	<b>4,000.0</b>	<b>4,000.0</b>	<b>4,000.0</b>	<b>16,000.0</b>	-	<b>16,000.0</b>
<b>Neighborhood District Lighting Improvements</b>											
Highway User Revenue Fund	-	-	137.0	<b>137.0</b>	140.0	145.0	150.0	155.0	<b>727.0</b>	-	727.0
Special Assessments Construction Fund	-	-	359.0	<b>359.0</b>	340.0	350.0	360.0	370.0	<b>1,779.0</b>	-	1,779.0
	-	-	<b>496.0</b>	<b>496.0</b>	<b>480.0</b>	<b>495.0</b>	<b>510.0</b>	<b>525.0</b>	<b>2,506.0</b>	-	<b>2,506.0</b>
<b>Nogales Highway: Drexel to Irvington</b>											
2000 General Obligation Bond Funds	75.0	250.0	-	<b>250.0</b>	-	-	-	-	<b>250.0</b>	-	325.0
Special Assessments Construction Fund	27.0	70.0	-	<b>70.0</b>	-	-	-	-	<b>70.0</b>	-	97.0
	<b>102.0</b>	<b>320.0</b>	-	<b>320.0</b>	-	-	-	-	<b>320.0</b>	-	<b>422.0</b>
<b>Pantano Road: Speedway to 22nd Street</b>											
2000 General Obligation Bond Funds	175.0	175.0	442.6	<b>617.6</b>	-	-	-	-	<b>617.6</b>	-	792.6
Special Assessments Construction Fund	66.0	25.0	-	<b>25.0</b>	-	-	-	-	<b>25.0</b>	-	91.0
	<b>241.0</b>	<b>200.0</b>	<b>442.6</b>	<b>642.6</b>	-	-	-	-	<b>642.6</b>	-	<b>883.6</b>

## Transportation - Street Lighting

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Park Avenue Lighting: Valencia to Irvington</b>											
2000 General Obligation Bond Funds	170.0	350.0	-	<b>350.0</b>	-	-	-	-	<b>350.0</b>	-	520.0
Special Assessments Construction Fund	6.0	150.0	-	<b>150.0</b>	-	-	-	-	<b>150.0</b>	-	156.0
	<b>176.0</b>	<b>500.0</b>	-	<b>500.0</b>	-	-	-	-	<b>500.0</b>	-	<b>676.0</b>
<b>Program Area Total</b>	<b>2,440.1</b>	<b>2,055.0</b>	<b>2,409.6</b>	<b>4,464.6</b>	<b>5,187.0</b>	<b>4,714.0</b>	<b>4,735.0</b>	<b>4,775.0</b>	<b>23,875.6</b>	-	<b>26,315.7</b>
<b>Source of Funds Summary</b>											
2000 General Obligation Bond Funds	1,090.0	1,526.0	1,572.6	<b>3,098.6</b>	-	-	-	-	<b>3,098.6</b>	-	4,188.6
Highway User Revenue Fund	1,063.1	-	478.0	<b>478.0</b>	538.0	145.0	150.0	155.0	<b>1,466.0</b>	-	2,529.1
Special Assessments Construction Fund	287.0	529.0	359.0	<b>888.0</b>	340.0	350.0	360.0	370.0	<b>2,308.0</b>	-	2,595.0
Unfunded	-	-	-	-	4,309.0	4,219.0	4,225.0	4,250.0	<b>17,003.0</b>	-	17,003.0
<b>Program Area Total</b>	<b>2,440.1</b>	<b>2,055.0</b>	<b>2,409.6</b>	<b>4,464.6</b>	<b>5,187.0</b>	<b>4,714.0</b>	<b>4,735.0</b>	<b>4,775.0</b>	<b>23,875.6</b>	-	<b>26,315.7</b>

## Transportation - Street Lighting

(S000)

<b>12th Avenue: Veterans Boulevard to Ajo Way</b> <b>Description:</b> Design and construct 0.25 mile of arterial street lighting, including the installation of missing sidewalk segments, curb access ramps, and fiber optic conduit.  <b>Justification:</b> This is the 28th highest priority roadway segment, based on the Comprehensive Roadway Illumination Study, Phase 3.									<b>Project ID:</b> S079 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/04  <b>Location:</b> Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	-	49.0	-	49.0	-	-	-	-	49.0	-	49.0
Special Assessments Construction Fund	-	14.0	-	14.0	-	-	-	-	14.0	-	14.0
<b>Total</b>	-	63.0	-	63.0	-	-	-	-	63.0	-	63.0

<b>1st Avenue: Prince Road to River Road</b> <b>Description:</b> Design and construct 1.1 miles of arterial street lighting, including the installation of missing sidewalk segments, curb access ramps, fiber optic conduit, and traffic signal upgrades.  <b>Justification:</b> This is the 5th highest priority roadway segment, based on the Comprehensive Roadway Illumination Study, Phase 3.									<b>Project ID:</b> S043 <b>Start Date:</b> 7/00 <b>End Date:</b> 6/04  <b>Location:</b> Ward 3		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	171.0	-	280.0	280.0	-	-	-	-	280.0	-	451.0
Special Assessments Construction Fund	-	120.0	-	120.0	-	-	-	-	120.0	-	120.0
<b>Total</b>	171.0	120.0	280.0	400.0	-	-	-	-	400.0	-	571.0

## Transportation - Street Lighting

(\$000)

<b>Arterial Street Lighting Pole Relocation</b> <b>Description:</b> Construct new street lighting foundations to meet recommended pole setback along collectors and arterial roadways.  <b>Justification:</b> The street lighting pole setbacks, recommended by the Comprehensive Roadway Illumination Study, will increase public safety.									<b>Project ID:</b> S600 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/08  <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	103.0	-	-	-	-	-	-	-	-	-	103.0
Highway User Revenue Fund	154.2	-	-	-	-	-	-	-	-	-	154.2
Unfunded	-	-	-	-	309.0	219.0	225.0	250.0	1,003.0	-	1,003.0
<b>Total</b>	257.2	-	-	-	309.0	219.0	225.0	250.0	1,003.0	-	1,260.2

<b>Benson Highway: 44th Street to Park Avenue</b> <b>Description:</b> Design and construct 0.25 mile of arterial street lighting, including the installation of fiber optic conduit.  <b>Justification:</b> This is the 19th highest priority roadway segment, based on the Comprehensive Roadway Illumination Study, Phase 3.									<b>Project ID:</b> S055 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/04  <b>Location:</b> Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	-	32.0	-	32.0	-	-	-	-	32.0	-	32.0
<b>Total</b>	-	32.0	-	32.0	-	-	-	-	32.0	-	32.0

## Transportation - Street Lighting

(S000)

<b>Campbell Avenue: Roger Road to River Road</b>									<b>Project ID:</b> S089		
<b>Description:</b> Design and construct 0.5 mile of arterial street lighting, including the installation of missing sidewalk segments, curb access ramps, fiber optic conduit, and traffic signal upgrades.									<b>Start Date:</b> 7/00		
									<b>End Date:</b> 6/04		
									<b>Location:</b> Ward 3		
<b>Justification:</b> This project will complete a continuous street lighting system along the entire length of Campbell Avenue.											
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 General Obligation Bond Funds	96.0	220.0	-	220.0	-	-	-	-	220.0	-	316.0
Special Assessments Construction Fund	83.0	-	-	-	-	-	-	-	-	-	83.0
<b>Total</b>	179.0	220.0	-	220.0	-	-	-	-	220.0	-	399.0

<b>Country Club Road: Broadway to 22nd Street</b>									<b>Project ID:</b> S087		
<b>Description:</b> Design and construct one mile of arterial street lighting, including the installation of missing sidewalk segments, curb access ramps, and fiber optic conduit.									<b>Start Date:</b> 7/01		
									<b>End Date:</b> 6/04		
									<b>Location:</b> Wards 5 and 6 (within Rio Nuevo District)		
<b>Justification:</b> This is the 49th highest priority roadway segment, based on the Comprehensive Roadway Illumination Study, Phase 3.											
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 General Obligation Bond Funds	100.0	250.0	250.0	500.0	-	-	-	-	500.0	-	600.0
Special Assessments Construction Fund	55.0	50.0	-	50.0	-	-	-	-	50.0	-	105.0
<b>Total</b>	155.0	300.0	250.0	550.0	-	-	-	-	550.0	-	705.0

## Transportation - Street Lighting

(\$000)

<b>Euclid Avenue Lighting: Broadway to Speedway</b> <b>Description:</b> Design and construct one mile of arterial street lighting, including the installation of missing sidewalk segments, curb access ramps, and fiber optic conduit.  <b>Justification:</b> This is the 29th highest priority roadway segment, based on the Comprehensive Roadway Illumination Study, Phase 3.									<b>Project ID:</b> S073 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/04  <b>Location:</b> Wards 3 and 6 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	200.0	200.0	600.0	800.0	-	-	-	-	800.0	-	1,000.0
Special Assessments Construction Fund	50.0	100.0	-	100.0	-	-	-	-	100.0	-	150.0
<b>Total</b>	250.0	300.0	600.0	900.0	-	-	-	-	900.0	-	1,150.0

<b>Life Extensions and Electrical Upgrades</b> <b>Description:</b> Replace existing direct-buried conductors with a conduit, wire, and pullbox system; replace residential low pressure sodium lights with high pressure sodium lights; modify obsolete lighting fixtures; and replace outdated street lighting control cabinets.  <b>Justification:</b> By replacing substandard lighting fixtures and providing uniformity within the city's street lighting system, this project will simplify maintenance requirements.									<b>Project ID:</b> S734 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/05  <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Highway User Revenue Fund	908.9	-	341.0	341.0	398.0	-	-	-	739.0	-	1,647.9
<b>Total</b>	908.9	-	341.0	341.0	398.0	-	-	-	739.0	-	1,647.9

## Transportation - Street Lighting

(\$000)

<div><div><b>Miscellaneous Collector and Arterial Lighting</b> <b>Description:</b> Design and construct street lighting on collector and arterial streets.</div><div><b>Justification:</b> These improvements are based on recommendations from the Comprehensive Roadway Illumination Study, Phase 4.</div></div>										<div><b>Project ID:</b> S056 <b>Start Date:</b> 7/04 <b>End Date:</b> 6/08  <b>Location:</b> Citywide</div>		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008				
Unfunded	-	-	-	-	4,000.0	4,000.0	4,000.0	4,000.0	16,000.0	-	16,000.0	
Total	-	-	-	-	4,000.0	4,000.0	4,000.0	4,000.0	16,000.0	-	16,000.0	

<b>Neighborhood District Lighting Improvements</b> <b>Description:</b> Design and construct neighborhood district lighting improvements.  <b>Justification:</b> These improvements are made in response to successful petitions by neighborhood residents.									<b>Project ID:</b> S601 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> Citywide			
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>		<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
Highway User Revenue Fund	-	-	137.0	<b>137.0</b>	140.0	145.0	150.0	155.0	<b>727.0</b>		-	<b>727.0</b>
Special Assessments Construction Fund	-	-	359.0	<b>359.0</b>	340.0	350.0	360.0	370.0	<b>1,779.0</b>		-	<b>1,779.0</b>
<b>Total</b>	-	-	496.0	<b>496.0</b>	480.0	495.0	510.0	525.0	<b>2,506.0</b>		-	<b>2,506.0</b>



## Transportation - Street Lighting

(S000)

<b>Nogales Highway: Drexel to Irvington</b> <b>Description:</b> Design and construct one mile of arterial street lighting, including the installation of missing sidewalk segments, curb access ramps, and fiber optic conduits.  <b>Justification:</b> This is the 27th highest priority roadway segment, based on the Comprehensive Roadway Illumination Study, Phase 3.									<b>Project ID:</b> S078 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/04  <b>Location:</b> Ward 5		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 General Obligation Bond Funds	75.0	250.0	-	250.0	-	-	-	-	250.0	-	325.0
Special Assessments Construction Fund	27.0	70.0	-	70.0	-	-	-	-	70.0	-	97.0
<b>Total</b>	102.0	320.0	-	320.0	-	-	-	-	320.0	-	422.0

<b>Pantano Road: Speedway to 22nd Street</b> <b>Description:</b> Design and construct two miles of arterial street lighting, including the installation of missing sidewalk segments, curb access ramps, and fiber optic conduit.  <b>Justification:</b> This is the 41st highest priority roadway segment, based on the Comprehensive Roadway Illumination Study, Phase 3.									<b>Project ID:</b> S095 <b>Start Date:</b> 7/00 <b>End Date:</b> 6/04  <b>Location:</b> Ward 2		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 General Obligation Bond Funds	175.0	175.0	442.6	617.6	-	-	-	-	617.6	-	792.6
Special Assessments Construction Fund	66.0	25.0	-	25.0	-	-	-	-	25.0	-	91.0
<b>Total</b>	241.0	200.0	442.6	642.6	-	-	-	-	642.6	-	883.6

## Transportation - Street Lighting

(\$000)

<div><div><b>Park Avenue Lighting: Valencia to Irvington</b> <b>Description:</b> Design and construct one mile of arterial street lighting, including the installation of missing sidewalk segments, curb access ramps, and fiber optic conduits.  <b>Justification:</b> This is the 26th highest priority roadway segment, based on the Comprehensive Roadway Illumination Study, Phase 3.</div><div><b>Project ID:</b> S072 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/04  <b>Location:</b> Ward 5</div></div>											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 General Obligation Bond Funds	170.0	350.0	-	350.0	-	-	-	-	350.0	-	520.0
Special Assessments Construction Fund	6.0	150.0	-	150.0	-	-	-	-	150.0	-	156.0
Total	176.0	500.0	-	500.0	-	-	-	-	500.0	-	676.0

## Transportation - Traffic Signals

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Americans with Disabilities Act Improvements</b>											
1994 Street and Highway Revenue Bond Funds	18.3	-	-	-	-	-	-	-	-	-	18.3
2000 Street and Highway Revenue Bond Funds	25.0	50.0	75.0	125.0	-	-	-	-	125.0	-	150.0
Highway User Revenue Fund	11.0	-	-	-	-	-	-	-	-	-	11.0
Unfunded	-	-	-	-	75.0	75.0	75.0	75.0	300.0	-	300.0
	<b>54.3</b>	<b>50.0</b>	<b>75.0</b>	<b>125.0</b>	<b>75.0</b>	<b>75.0</b>	<b>75.0</b>	<b>75.0</b>	<b>425.0</b>	-	<b>479.3</b>
<b>Campbell at Adelaide Pedestrian Crossing</b>											
2000 Street and Highway Revenue Bond Funds	-	-	70.0	70.0	-	-	-	-	70.0	-	70.0
	-	-	70.0	70.0	-	-	-	-	70.0	-	70.0
<b>Communication System Improvements</b>											
1994 Street and Highway Revenue Bond Funds	150.1	86.7	-	86.7	-	-	-	-	86.7	-	236.8
2000 Street and Highway Revenue Bond Funds	-	106.0	35.0	141.0	-	-	-	-	141.0	-	141.0
Federal Highway Administration Grants	-	-	100.0	100.0	100.0	1,000.0	-	200.0	1,400.0	-	1,400.0
Highway User Revenue Fund	98.6	-	-	-	-	-	-	-	-	-	98.6
Unfunded	-	-	-	-	6.0	117.0	-	12.0	135.0	-	135.0
	<b>248.8</b>	<b>192.7</b>	<b>135.0</b>	<b>327.7</b>	<b>106.0</b>	<b>1,117.0</b>	-	<b>212.0</b>	<b>1,762.7</b>	-	<b>2,011.5</b>
<b>Emergency Preemption System Expansion</b>											
2000 Street and Highway Revenue Bond Funds	-	-	18.0	18.0	-	-	-	-	18.0	-	18.0
Capital Agreement Fund: PAG	-	-	-	-	-	-	-	20.0	20.0	-	20.0
Federal Highway Administration Grants	-	-	-	-	-	-	-	325.0	325.0	-	325.0
	-	-	18.0	18.0	-	-	-	345.0	363.0	-	363.0
<b>Freeway Management System</b>											
Capital Agreement Fund	-	-	445.0	445.0	-	-	-	-	445.0	-	445.0
	-	-	445.0	445.0	-	-	-	-	445.0	-	445.0
<b>Glenn: Oracle to Craycroft Bike Detection</b>											
2000 Street and Highway Revenue Bond Funds	-	-	20.0	20.0	-	-	-	-	20.0	-	20.0
	-	-	20.0	20.0	-	-	-	-	20.0	-	20.0

## Transportation - Traffic Signals

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Greasewood and Ironwood Hills Traffic Signal</b>											
2000 Street and Highway Revenue Bond Funds	-	-	200.0	<b>200.0</b>	-	-	-	-	<b>200.0</b>	-	200.0
Highway User Revenue Fund	16.6	-	-	-	-	-	-	-	-	-	16.6
	<b>16.6</b>	-	<b>200.0</b>	<b>200.0</b>	-	-	-	-	<b>200.0</b>	-	<b>216.6</b>
<b>Houghton and Escalante Traffic Signal</b>											
2000 Street and Highway Revenue Bond Funds	-	-	212.0	<b>212.0</b>	-	-	-	-	<b>212.0</b>	-	212.0
Highway User Revenue Fund	20.2	-	-	-	-	-	-	-	-	-	20.2
	<b>20.2</b>	-	<b>212.0</b>	<b>212.0</b>	-	-	-	-	<b>212.0</b>	-	<b>232.2</b>
<b>Intelligent Transportation System Improvements</b>											
1994 Street and Highway Revenue Bond Funds	0.1	41.8	-	<b>41.8</b>	-	-	-	-	<b>41.8</b>	-	41.9
2000 Street and Highway Revenue Bond Funds	-	120.0	100.0	<b>220.0</b>	-	-	-	-	<b>220.0</b>	-	220.0
Capital Agreement Fund	73.4	-	-	-	-	-	-	-	-	-	73.4
Federal Highway Administration Grants	256.1	-	75.0	<b>75.0</b>	75.0	140.0	-	-	<b>290.0</b>	-	546.1
Unfunded	-	-	-	-	5.0	35.0	-	-	<b>40.0</b>	-	40.0
	<b>329.5</b>	<b>161.8</b>	<b>175.0</b>	<b>336.8</b>	<b>80.0</b>	<b>175.0</b>	-	-	<b>591.8</b>	-	<b>921.3</b>
<b>Intelligent Transportation System: ER Link</b>											
Federal Highway Administration Grants	-	-	500.0	<b>500.0</b>	494.2	442.0	250.0	250.0	<b>1,936.2</b>	-	1,936.2
	-	-	<b>500.0</b>	<b>500.0</b>	<b>494.2</b>	<b>442.0</b>	<b>250.0</b>	<b>250.0</b>	<b>1,936.2</b>	-	<b>1,936.2</b>
<b>Living Transportation Laboratory</b>											
2000 Street and Highway Revenue Bond Funds	-	50.0	8.0	<b>58.0</b>	-	8.0	-	-	<b>66.0</b>	-	66.0
Federal Highway Administration Grants	-	-	-	-	-	125.0	-	650.0	<b>775.0</b>	-	775.0
Highway User Revenue Fund	2.3	20.0	-	<b>20.0</b>	-	-	-	-	<b>20.0</b>	-	22.3
Unfunded	-	-	-	-	-	-	-	43.0	<b>43.0</b>	-	43.0
	<b>2.3</b>	<b>70.0</b>	<b>8.0</b>	<b>78.0</b>	-	<b>133.0</b>	-	<b>693.0</b>	<b>904.0</b>	-	<b>906.3</b>
<b>Machine Vision Video Detection System Upgrades</b>											
2000 Street and Highway Revenue Bond Funds	750.0	255.0	948.0	<b>1,203.0</b>	930.0	-	-	-	<b>2,133.0</b>	-	2,883.0
	<b>750.0</b>	<b>255.0</b>	<b>948.0</b>	<b>1,203.0</b>	<b>930.0</b>	-	-	-	<b>2,133.0</b>	-	<b>2,883.0</b>

## Transportation - Traffic Signals

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Midvale and Irvington Traffic Signal</b>											
2000 Street and Highway Revenue Bond Funds	-	-	150.0	<b>150.0</b>	-	-	-	-	<b>150.0</b>	-	150.0
	-	-	<b>150.0</b>	<b>150.0</b>	-	-	-	-	<b>150.0</b>	-	<b>150.0</b>
<b>Miscellaneous Traffic Improvements</b>											
2000 Street and Highway Revenue Bond Funds	80.0	71.0	21.0	<b>92.0</b>	-	-	-	-	<b>92.0</b>	-	172.0
Highway User Revenue Fund	39.4	18.0	-	<b>18.0</b>	-	-	-	-	<b>18.0</b>	-	57.4
Unfunded	-	-	-	-	22.0	22.0	-	-	<b>44.0</b>	-	44.0
	<b>119.4</b>	<b>89.0</b>	<b>21.0</b>	<b>110.0</b>	<b>22.0</b>	<b>22.0</b>	-	-	<b>154.0</b>	-	<b>273.4</b>
<b>Rita Road and Nexis Traffic Signal</b>											
2000 Street and Highway Revenue Bond Funds	-	-	220.0	<b>220.0</b>	-	-	-	-	<b>220.0</b>	-	220.0
	-	-	<b>220.0</b>	<b>220.0</b>	-	-	-	-	<b>220.0</b>	-	<b>220.0</b>
<b>Roger Road and Fairview Avenue Traffic Signal</b>											
1994 Street and Highway Revenue Bond Funds	37.9	37.1	-	<b>37.1</b>	-	-	-	-	<b>37.1</b>	-	75.0
2000 Street and Highway Revenue Bond Funds	-	127.0	-	<b>127.0</b>	-	-	-	-	<b>127.0</b>	-	127.0
Capital Agreement Fund: Pima County Contribution	-	206.0	-	<b>206.0</b>	-	-	-	-	<b>206.0</b>	-	206.0
Highway User Revenue Fund	12.8	65.0	-	<b>65.0</b>	-	-	-	-	<b>65.0</b>	-	77.8
	<b>50.7</b>	<b>435.1</b>	-	<b>435.1</b>	-	-	-	-	<b>435.1</b>	-	<b>485.8</b>
<b>School Flasher Construction</b>											
1994 Street and Highway Revenue Bond Funds	32.1	21.0	-	<b>21.0</b>	-	-	-	-	<b>21.0</b>	-	53.1
2000 Street and Highway Revenue Bond Funds	41.0	70.0	115.0	<b>185.0</b>	47.0	-	-	-	<b>232.0</b>	-	273.0
Capital Agreement Fund	99.1	84.0	115.0	<b>199.0</b>	115.0	115.0	115.0	115.0	<b>659.0</b>	-	758.1
Highway User Revenue Fund	49.3	-	-	-	-	-	-	-	-	-	49.3
Unfunded	-	-	-	-	-	115.0	115.0	115.0	<b>345.0</b>	-	345.0
	<b>221.5</b>	<b>175.0</b>	<b>230.0</b>	<b>405.0</b>	<b>162.0</b>	<b>230.0</b>	<b>230.0</b>	<b>230.0</b>	<b>1,257.0</b>	-	<b>1,478.5</b>
<b>School Flashers: Grande at Fresno</b>											
2000 Street and Highway Revenue Bond Funds	-	-	32.0	<b>32.0</b>	-	-	-	-	<b>32.0</b>	-	32.0
Capital Agreement Fund	4.6	-	32.0	<b>32.0</b>	-	-	-	-	<b>32.0</b>	-	36.6
Highway User Revenue Fund	5.7	-	-	-	-	-	-	-	-	-	5.7
	<b>10.3</b>	-	<b>64.0</b>	<b>64.0</b>	-	-	-	-	<b>64.0</b>	-	<b>74.3</b>

## Transportation - Traffic Signals

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Tanque Verde/Pima and Wilmot Intersection</b>											
1994 Street and Highway Revenue Bond Funds	67.9	-	-	-	-	-	-	-	-	-	67.9
2000 Street and Highway Revenue Bond Funds	-	300.0	-	<b>300.0</b>	-	-	-	-	<b>300.0</b>	-	300.0
Highway User Revenue Fund	7.4	-	-	-	-	-	-	-	-	-	7.4
	<b>75.4</b>	<b>300.0</b>	-	<b>300.0</b>	-	-	-	-	<b>300.0</b>	-	<b>375.4</b>
<b>Traffic Flasher Construction</b>											
2000 Street and Highway Revenue Bond Funds	30.0	40.0	80.0	<b>120.0</b>	-	-	-	-	<b>120.0</b>	-	150.0
Highway User Revenue Fund	21.9	-	-	-	-	-	-	-	-	-	21.9
Unfunded	-	-	-	-	70.0	70.0	70.0	70.0	<b>280.0</b>	-	280.0
	<b>51.9</b>	<b>40.0</b>	<b>80.0</b>	<b>120.0</b>	<b>70.0</b>	<b>70.0</b>	<b>70.0</b>	<b>70.0</b>	<b>400.0</b>	-	<b>451.9</b>
<b>Traffic Signal Construction</b>											
2000 Street and Highway Revenue Bond Funds	-	-	68.0	<b>68.0</b>	-	-	-	-	<b>68.0</b>	-	68.0
Capital Agreement Fund	-	50.0	-	<b>50.0</b>	-	-	-	-	<b>50.0</b>	-	50.0
Highway User Revenue Fund	80.5	190.0	-	<b>190.0</b>	-	-	-	-	<b>190.0</b>	-	270.5
Unfunded	-	-	-	-	225.0	225.0	225.0	225.0	<b>900.0</b>	-	900.0
	<b>80.5</b>	<b>240.0</b>	<b>68.0</b>	<b>308.0</b>	<b>225.0</b>	<b>225.0</b>	<b>225.0</b>	<b>225.0</b>	<b>1,208.0</b>	-	<b>1,288.5</b>
<b>Traffic Signal Conversions</b>											
2000 Street and Highway Revenue Bond Funds	250.0	250.0	501.0	<b>751.0</b>	499.0	-	-	-	<b>1,250.0</b>	-	1,500.0
	<b>250.0</b>	<b>250.0</b>	<b>501.0</b>	<b>751.0</b>	<b>499.0</b>	-	-	-	<b>1,250.0</b>	-	<b>1,500.0</b>
<b>Traffic Signal Upgrades</b>											
2000 Street and Highway Revenue Bond Funds	155.0	-	164.0	<b>164.0</b>	-	-	-	-	<b>164.0</b>	-	319.0
Highway User Revenue Fund	298.2	-	-	-	-	-	-	-	-	-	298.2
Unfunded	-	-	-	-	413.0	431.0	253.0	253.0	<b>1,350.0</b>	-	1,350.0
	<b>453.2</b>	-	<b>164.0</b>	<b>164.0</b>	<b>413.0</b>	<b>431.0</b>	<b>253.0</b>	<b>253.0</b>	<b>1,514.0</b>	-	<b>1,967.2</b>

## Transportation - Traffic Signals

### Five-Year Capital Improvement Program

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Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Traffic Signal and Control Equipment Upgrades</b>											
2000 Street and Highway Revenue Bond Funds	55.0	-	55.0	<b>55.0</b>	-	62.0	-	-	<b>117.0</b>	-	172.0
Capital Agreement Fund: PAG	-	-	50.0	<b>50.0</b>	-	-	-	-	<b>50.0</b>	-	50.0
Federal Highway Administration Grants	300.0	-	50.0	<b>50.0</b>	-	100.0	-	100.0	<b>250.0</b>	-	550.0
Highway User Revenue Fund	71.0	-	-	-	-	-	-	-	-	-	71.0
Unfunded	-	-	-	-	-	-	-	6.0	<b>6.0</b>	-	6.0
	<b>426.0</b>	-	<b>155.0</b>	<b>155.0</b>	-	<b>162.0</b>	-	<b>106.0</b>	<b>423.0</b>	-	<b>849.0</b>
<b>Turn Signal Modifications and Geometrics</b>											
1994 Street and Highway Revenue Bond Funds	-	6.1	-	<b>6.1</b>	-	-	-	-	<b>6.1</b>	-	6.1
2000 Street and Highway Revenue Bond Funds	35.0	120.0	21.0	<b>141.0</b>	21.0	-	-	-	<b>162.0</b>	-	197.0
Highway User Revenue Fund	20.0	4.0	-	<b>4.0</b>	-	-	-	-	<b>4.0</b>	-	24.0
Unfunded	-	-	-	-	-	21.0	22.0	22.0	<b>65.0</b>	-	65.0
	<b>55.1</b>	<b>130.1</b>	<b>21.0</b>	<b>151.1</b>	<b>21.0</b>	<b>21.0</b>	<b>22.0</b>	<b>22.0</b>	<b>237.1</b>	-	<b>292.2</b>
<b>Program Area Total</b>	<b>3,215.7</b>	<b>2,388.7</b>	<b>4,480.0</b>	<b>6,868.7</b>	<b>3,097.2</b>	<b>3,103.0</b>	<b>1,125.0</b>	<b>2,481.0</b>	<b>16,674.9</b>	-	<b>19,890.6</b>
<b>Source of Funds Summary</b>											
1994 Street and Highway Revenue Bond Funds	306.4	192.7	-	<b>192.7</b>	-	-	-	-	<b>192.7</b>	-	499.1
2000 Street and Highway Revenue Bond Funds	1,421.0	1,559.0	3,113.0	<b>4,672.0</b>	1,497.0	70.0	-	-	<b>6,239.0</b>	-	7,660.0
Capital Agreement Fund	177.2	134.0	592.0	<b>726.0</b>	115.0	115.0	115.0	115.0	<b>1,186.0</b>	-	1,363.2
Capital Agreement Fund: PAG	-	-	50.0	<b>50.0</b>	-	-	-	20.0	<b>70.0</b>	-	70.0
Capital Agreement Fund: Pima County Contribution	-	206.0	-	<b>206.0</b>	-	-	-	-	<b>206.0</b>	-	206.0
Federal Highway Administration Grants	556.1	-	725.0	<b>725.0</b>	669.2	1,807.0	250.0	1,525.0	<b>4,976.2</b>	-	5,532.3
Highway User Revenue Fund	755.0	297.0	-	<b>297.0</b>	-	-	-	-	<b>297.0</b>	-	1,052.0
Unfunded	-	-	-	-	816.0	1,111.0	760.0	821.0	<b>3,508.0</b>	-	3,508.0
<b>Program Area Total</b>	<b>3,215.7</b>	<b>2,388.7</b>	<b>4,480.0</b>	<b>6,868.7</b>	<b>3,097.2</b>	<b>3,103.0</b>	<b>1,125.0</b>	<b>2,481.0</b>	<b>16,674.9</b>	-	<b>19,890.6</b>

## Transportation - Traffic Signals

(\$000)

<b>Americans with Disabilities Act Improvements</b>										<b>Project ID:</b> S809		
<b>Description:</b> Design and construct Americans with Disabilities Act (ADA) pedestrian crossing modifications at approximately two intersections per year. Improvements will include island modifications, special push buttons, high-intensity pedestrian signals, and crossing tones.										<b>Start Date:</b> 7/97		
										<b>End Date:</b> 6/08		
										<b>Location:</b> Citywide		
<b>Justification:</b> These improvements will improve pedestrian access and safety.												
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
1994 Street and Highway Revenue Bond Funds	18.3	-	-	-	-	-	-	-	-	-	18.3	
2000 Street and Highway Revenue Bond Funds	25.0	50.0	75.0	125.0	-	-	-	-	125.0	-	150.0	
Highway User Revenue Fund	11.0	-	-	-	-	-	-	-	-	-	11.0	
Unfunded	-	-	-	-	75.0	75.0	75.0	75.0	300.0	-	300.0	
<b>Total</b>	54.3	50.0	75.0	125.0	75.0	75.0	75.0	75.0	425.0	-	479.3	

<b>Campbell at Adelaide Pedestrian Crossing</b>										<b>Project ID:</b> S93E		
<b>Description:</b> Design and construct a pedestrian-activated red light crossing.										<b>Start Date:</b> 7/03		
										<b>End Date:</b> 6/04		
										<b>Location:</b> Ward 3		
<b>Justification:</b> This improvement will improve pedestrian safety.												
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
2000 Street and Highway Revenue Bond Funds	-	-	70.0	70.0	-	-	-	-	70.0	-	70.0	
<b>Total</b>	-	-	70.0	70.0	-	-	-	-	70.0	-	70.0	



## Transportation - Traffic Signals

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<b>Communication System Improvements</b> <b>Description:</b> Design and construct upgrades to the computerized traffic system, following National Transportation Communications guidelines for Intelligent Transportation Systems (ITS) protocol. Improvements will include software and hardware modifications. Federal Highway Administration funding is contingent upon allocation by the Pima Association of Governments. The gap in funding is due to the availability of regional funds.  <b>Justification:</b> This project will improve traffic circulation.									<b>Project ID:</b> S751 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/08 <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 Street and Highway Revenue Bond Funds	150.1	86.7	-	86.7	-	-	-	-	86.7	-	236.8
2000 Street and Highway Revenue Bond Funds	-	106.0	35.0	141.0	-	-	-	-	141.0	-	141.0
Federal Highway Administration Grants	-	-	100.0	100.0	100.0	1,000.0	-	200.0	1,400.0	-	1,400.0
Highway User Revenue Fund	98.6	-	-	-	-	-	-	-	-	-	98.6
Unfunded	-	-	-	-	6.0	117.0	-	12.0	135.0	-	135.0
<b>Total</b>	248.8	192.7	135.0	327.7	106.0	1,117.0	-	212.0	1,762.7	-	2,011.5

<b>Emergency Preemption System Expansion</b> <b>Description:</b> Expand the city's emergency preemption system to all city signals, and coordinate it with regional systems. This system permits public emergency vehicles to change traffic signals from red to green. Federal Highway Administration funding is contingent upon allocation by the Pima Association of Governments. Pima Association of Governments (PAG) funds are contingent upon their allocation. The gap in funding is due to the availability of regional funds.  <b>Justification:</b> This system improves emergency vehicle response times. The system also has the capacity for public transit vehicle priority, which has been used in other communities to improve bus scheduling and traffic flow.									<b>Project ID:</b> S760 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/08 <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Street and Highway Revenue Bond Funds	-	-	18.0	18.0	-	-	-	-	18.0	-	18.0
Capital Agreement Fund: PAG	-	-	-	-	-	-	-	20.0	20.0	-	20.0
Federal Highway Administration Grants	-	-	-	-	-	-	-	325.0	325.0	-	325.0
<b>Total</b>	-	-	18.0	18.0	-	-	-	345.0	363.0	-	363.0

## Transportation - Traffic Signals

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<b>Freeway Management System</b> <b>Description:</b> Design and install conduit and fiber as needed from Sixth Avenue at Interstate 10 to the city's 911 Center at Park and Ajo, and from 6th Avenue at Ajo to the Department of Public Safety at Valencia Road and Tucson Boulevard. Project costs will be reimbursed by the State of Arizona.  <b>Justification:</b> The City of Tucson, State of Arizona, and Pima Association of Governments are working to coordinate a Freeway Management System along Interstate 10 and connecting arterial streets. These improvements project will connect the city's 911 Center and the Department of Public Safety to that system.									<b>Project ID:</b> S755 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/04 <b>Location:</b> Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Capital Agreement Fund	-	-	445.0	445.0	-	-	-	-	445.0	-	445.0
<b>Total</b>	-	-	445.0	445.0	-	-	-	-	445.0	-	445.0

<b>Glenn: Oracle to Craycroft Bike Detection</b> <b>Description:</b> Install bicyclist-activated traffic signal buttons on Glenn Street from Oracle Road to Craycroft Road.  <b>Justification:</b> This project will allow bicyclists to activate the traffic signal when no vehicular traffic is present to trigger it.									<b>Project ID:</b> S91G <b>Start Date:</b> 7/03 <b>End Date:</b> 6/04 <b>Location:</b> Wards 2 and 3		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Street and Highway Revenue Bond Funds	-	-	20.0	20.0	-	-	-	-	20.0	-	20.0
<b>Total</b>	-	-	20.0	20.0	-	-	-	-	20.0	-	20.0

## Transportation - Traffic Signals

(S000)

<b>Greasewood and Ironwood Hills Traffic Signal</b> <b>Description:</b> Design and construct traffic signal improvements at this intersection.  <b>Justification:</b> This intersection meets the department's written guidelines for a traffic signal, which take into account traffic volume through the intersection and proximity to other traffic signals.									<b>Project ID:</b> S94A <b>Start Date:</b> 7/02 <b>End Date:</b> 6/04  <b>Location:</b> Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Street and Highway Revenue Bond Funds	-	-	200.0	200.0	-	-	-	-	200.0	-	200.0
Highway User Revenue Fund	16.6	-	-	-	-	-	-	-	-	-	16.6
<b>Total</b>	16.6	-	200.0	200.0	-	-	-	-	200.0	-	216.6

<b>Houghton and Escalante Traffic Signal</b> <b>Description:</b> Design and construct traffic signal improvements at this intersection.  <b>Justification:</b> This intersection meets the department's written guidelines for a traffic signal, which take into account traffic volume through the intersection and proximity to other traffic signals.									<b>Project ID:</b> S94C <b>Start Date:</b> 7/01 <b>End Date:</b> 6/04  <b>Location:</b> Ward 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Street and Highway Revenue Bond Funds	-	-	212.0	212.0	-	-	-	-	212.0	-	212.0
Highway User Revenue Fund	20.2	-	-	-	-	-	-	-	-	-	20.2
<b>Total</b>	20.2	-	212.0	212.0	-	-	-	-	212.0	-	232.2

## Transportation - Traffic Signals

(S000)

<b>Intelligent Transportation System Improvements</b>										<b>Project ID:</b> S752					
<b>Description:</b> Design and construct upgrades to the Intelligent Transportation System in accordance with the Regional Communications Plan. Federal Highway Administration funding is contingent upon allocation by the Pima Association of Governments.													<b>Start Date:</b> 7/01		
													<b>End Date:</b> 6/06		
													<b>Location:</b> Citywide		
<b>Justification:</b> This project will improve the reliability and efficiency of communication to the regional Transportation Control Center.															
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project				
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008							
1994 Street and Highway Revenue Bond Funds	0.1	41.8	-	41.8	-	-	-	-	41.8	-	41.9				
2000 Street and Highway Revenue Bond Funds	-	120.0	100.0	220.0	-	-	-	-	220.0	-	220.0				
Capital Agreement Fund	73.4	-	-	-	-	-	-	-	-	-	73.4				
Federal Highway Administration Grants	256.1	-	75.0	75.0	75.0	140.0	-	-	290.0	-	546.1				
Unfunded	-	-	-	-	5.0	35.0	-	-	40.0	-	40.0				
Total	329.5	161.8	175.0	336.8	80.0	175.0	-	-	591.8	-	921.3				
<b>Intelligent Transportation System: ER Link</b>										<b>Project ID:</b> S820					
<b>Description:</b> Construct an audio/video system that will transmit patient vital signs from a paramedic vehicle to an emergency room (ER). Funding in Fiscal Years 2004 and 2005 are from a Congressional earmark. Funding in Fiscal Years 2006 through 2008 is contingent upon receiving future Congressional earmarks.													<b>Start Date:</b> 7/01		
													<b>End Date:</b> 6/08		
													<b>Location:</b> Citywide		
<b>Justification:</b> This linking of paramedic vehicles and emergency rooms will improve medical diagnostic time and emergency care, accelerate the clearing of accident scenes, and reduce the potential for secondary accidents.															
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project				
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008							
Federal Highway Administration Grants	-	-	500.0	500.0	494.2	442.0	250.0	250.0	1,936.2	-	1,936.2				
Total	-	-	500.0	500.0	494.2	442.0	250.0	250.0	1,936.2	-	1,936.2				

## Transportation - Traffic Signals

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<b>Living Transportation Laboratory</b> <b>Description:</b> Design and construct improvements for the Living Transportation Laboratory in conjunction with the University of Arizona. Improvements will include modifications to implement and test the Real-time Hierarchical Optimized Distributed Effective System (RHODES). Federal Highway Administration funds are contingent upon allocation by the Pima Association of Governments.  <b>Justification:</b> These improvements will facilitate research into traffic signal coordination and transportation system efficiencies.									<b>Project ID:</b> S753 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/08  <b>Location:</b> Citywide		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 Street and Highway Revenue Bond Funds	-	50.0	8.0	58.0	-	8.0	-	-	66.0	-	66.0
Federal Highway Administration Grants	-	-	-	-	-	125.0	-	650.0	775.0	-	775.0
Highway User Revenue Fund	2.3	20.0	-	20.0	-	-	-	-	20.0	-	22.3
Unfunded	-	-	-	-	-	-	-	43.0	43.0	-	43.0
<b>Total</b>	2.3	70.0	8.0	78.0	-	133.0	-	693.0	904.0	-	906.3

<b>Machine Vision Video Detection System Upgrades</b> <b>Description:</b> Upgrade the vehicle detection system at traffic signals from wire loops that are embedded in the road to machine vision video detection. Approximately 66 of the city's 342 signalized intersections are already equipped with this technology.  <b>Justification:</b> Machine vision video detection allows for the visual monitoring of traffic and the use of new adaptive traffic control system technology.									<b>Project ID:</b> S900 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/05  <b>Location:</b> Citywide		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 Street and Highway Revenue Bond Funds	750.0	255.0	948.0	1,203.0	930.0	-	-	-	2,133.0	-	2,883.0
<b>Total</b>	750.0	255.0	948.0	1,203.0	930.0	-	-	-	2,133.0	-	2,883.0

## Transportation - Traffic Signals

(S000)

<b>Midvale and Irvington Traffic Signal</b> <b>Description:</b> Design and construct traffic signal improvements at this intersection.  <b>Justification:</b> This intersection meets the department's written guidelines for a traffic signal, which take into account traffic volume through the intersection and proximity to other traffic signals.									<b>Project ID:</b> S94D <b>Start Date:</b> 7/03 <b>End Date:</b> 6/04 <b>Location:</b> Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Street and Highway Revenue Bond Funds	-	-	150.0	150.0	-	-	-	-	150.0	-	150.0
<b>Total</b>	-	-	150.0	150.0	-	-	-	-	150.0	-	150.0

<b>Miscellaneous Traffic Improvements</b> <b>Description:</b> Design and construct traffic modifications, including vehicle detection systems, bicycle detection systems, neighborhood traffic management improvements, and traffic signal islands and channelization.  <b>Justification:</b> These improvements will improve safety and traffic flow.									<b>Project ID:</b> S910 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/06 <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Street and Highway Revenue Bond Funds	80.0	71.0	21.0	92.0	-	-	-	-	92.0	-	172.0
Highway User Revenue Fund	39.4	18.0	-	18.0	-	-	-	-	18.0	-	57.4
Unfunded	-	-	-	-	22.0	22.0	-	-	44.0	-	44.0
<b>Total</b>	119.4	89.0	21.0	110.0	22.0	22.0	-	-	154.0	-	273.4

## Transportation - Traffic Signals

(S000)

<b>Rita Road and Nexis Traffic Signal</b> <b>Description:</b> Design and construct traffic signal improvements at this intersection.  <b>Justification:</b> This intersection meets the department's written guidelines for a traffic signal, which take into account traffic volume through the intersection and proximity to other traffic signals.									<b>Project ID:</b> S94E <b>Start Date:</b> 7/03 <b>End Date:</b> 6/04  <b>Location:</b> Ward 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Street and Highway Revenue Bond Funds	-	-	220.0	220.0	-	-	-	-	220.0	-	220.0
<b>Total</b>	-	-	220.0	220.0	-	-	-	-	220.0	-	220.0

<b>Roger Road and Fairview Avenue Traffic Signal</b> <b>Description:</b> Design and construct a traffic signal at the intersection of Roger Road and Fairview Road. Pima County will reimburse the city for 50% of the construction costs, because two of the approaches to the intersection are outside the city limits. The relocation of Western Area Power Administration power poles may affect the project schedule.  <b>Justification:</b> This intersection meets the department's written guidelines for a traffic signal, which take into account traffic volume through the intersection and proximity to other traffic signals.									<b>Project ID:</b> S812 <b>Start Date:</b> 7/00 <b>End Date:</b> 6/04  <b>Location:</b> Ward 3		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 Street and Highway Revenue Bond Funds	37.9	37.1	-	37.1	-	-	-	-	37.1	-	75.0
2000 Street and Highway Revenue Bond Funds	-	127.0	-	127.0	-	-	-	-	127.0	-	127.0
Capital Agreement Fund: Pima County Contribution	-	206.0	-	206.0	-	-	-	-	206.0	-	206.0
Highway User Revenue Fund	12.8	65.0	-	65.0	-	-	-	-	65.0	-	77.8
<b>Total</b>	50.7	435.1	-	435.1	-	-	-	-	435.1	-	485.8

## Transportation - Traffic Signals

(\$000)

<b>School Flasher Construction</b> <b>Description:</b> Design and construct jointly-funded school flashers. New school flashers have been requested for Silverbell at Fresno, Pima at Beverly, and Harrison at Salvatore. Existing school pedestrian crossing locations that are awaiting upgrades to pedestrian-activated red light systems include Kolb at Kingston Drive, Ajo Way at Freedom Drive, Ajo Way at 9th Avenue, 22nd Street at Treat, 22nd Street at Tyndall, 5th Street at Chantilly Drive, 5th Street at Irving, and 12th Avenue at Michigan. <b>Justification:</b> School flashers are requested by school districts to improve pedestrian safety for their students.									<b>Project ID:</b> S920 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/08 <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 Street and Highway Revenue Bond Funds	32.1	21.0	-	21.0	-	-	-	-	21.0	-	53.1
2000 Street and Highway Revenue Bond Funds	41.0	70.0	115.0	185.0	47.0	-	-	-	232.0	-	273.0
Capital Agreement Fund	99.1	84.0	115.0	199.0	115.0	115.0	115.0	115.0	659.0	-	758.1
Highway User Revenue Fund	49.3	-	-	-	-	-	-	-	-	-	49.3
Unfunded	-	-	-	-	-	115.0	115.0	115.0	345.0	-	345.0
<b>Total</b>	221.5	175.0	230.0	405.0	162.0	230.0	230.0	230.0	1,257.0	-	1,478.5

<b>School Flashers: Grande at Fresno</b> <b>Description:</b> Design and construct a school pedestrian flasher. School flashers are jointly funded with the requesting school district. <b>Justification:</b> This flasher was requested by the Tucson Unified School District to improve pedestrian safety for students at Menlo Park Elementary.									<b>Project ID:</b> S92A <b>Start Date:</b> 7/02 <b>End Date:</b> 6/04 <b>Location:</b> Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Street and Highway Revenue Bond Funds	-	-	32.0	32.0	-	-	-	-	32.0	-	32.0
Capital Agreement Fund	4.6	-	32.0	32.0	-	-	-	-	32.0	-	36.6
Highway User Revenue Fund	5.7	-	-	-	-	-	-	-	-	-	5.7
<b>Total</b>	10.3	-	64.0	64.0	-	-	-	-	64.0	-	74.3



## Transportation - Traffic Signals

(\$000)

<b>Tanque Verde/Pima and Wilmot Intersection</b> <b>Description:</b> Design and construct a geometric improvement to the intersection of Tanque Verde/Pima Road and Wilmot Road.  <b>Justification:</b> The redesign of the intersection is expected to reduce traffic accidents caused by high-speed turning and merging traffic that violates the existing traffic control devices.									<b>Project ID:</b> S815 <b>Start Date:</b> 7/97 <b>End Date:</b> 6/04  <b>Location:</b> Wards 2 and 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 Street and Highway Revenue Bond Funds	67.9	-	-	-	-	-	-	-	-	-	67.9
2000 Street and Highway Revenue Bond Funds	-	300.0	-	300.0	-	-	-	-	300.0	-	300.0
Highway User Revenue Fund	7.4	-	-	-	-	-	-	-	-	-	7.4
<b>Total</b>	75.4	300.0	-	300.0	-	-	-	-	300.0	-	375.4

<b>Traffic Flasher Construction</b> <b>Description:</b> Design and construct stop sign flashers, intersection beacons, pedestrian-activated red light systems, wash crossing flashers, and flashers at pedestrian crossings.  <b>Justification:</b> These improvements will provide safe crossings for pedestrians, bicyclists, and drivers.									<b>Project ID:</b> S930 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/08  <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Street and Highway Revenue Bond Funds	30.0	40.0	80.0	120.0	-	-	-	-	120.0	-	150.0
Highway User Revenue Fund	21.9	-	-	-	-	-	-	-	-	-	21.9
Unfunded	-	-	-	-	70.0	70.0	70.0	70.0	280.0	-	280.0
<b>Total</b>	51.9	40.0	80.0	120.0	70.0	70.0	70.0	70.0	400.0	-	451.9

## Transportation - Traffic Signals

(S000)

<b>Traffic Signal and Control Equipment Upgrades</b> <b>Description:</b> Upgrade traffic signal and control center equipment to National Transportation Communications standards for Intelligent Transportation System Protocol, including the addition of uninterrupted power sources. Pima Association of Governments (PAG) and Federal Highway Administration funding are contingent upon regional allocations.  <b>Justification:</b> This project will improve the efficiency of signalized intersections									<b>Project ID:</b> S754 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/08 <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Street and Highway Revenue Bond Funds	55.0	-	55.0	55.0	-	62.0	-	-	117.0	-	172.0
Capital Agreement Fund: PAG	-	-	50.0	50.0	-	-	-	-	50.0	-	50.0
Federal Highway Administration Grants	300.0	-	50.0	50.0	-	100.0	-	100.0	250.0	-	550.0
Highway User Revenue Fund	71.0	-	-	-	-	-	-	-	-	-	71.0
Unfunded	-	-	-	-	-	-	-	6.0	6.0	-	6.0
<b>Total</b>	426.0	-	155.0	155.0	-	162.0	-	106.0	423.0	-	849.0

<b>Traffic Signal Construction</b> <b>Description:</b> Design and construct traffic signals.  <b>Justification:</b> Adding traffic signals that meet the department's written guidelines for a traffic signal, which take into account traffic volume through the intersection and proximity to other traffic signals, improves traffic flow.									<b>Project ID:</b> S940 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/08 <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Street and Highway Revenue Bond Funds	-	-	68.0	68.0	-	-	-	-	68.0	-	68.0
Capital Agreement Fund	-	50.0	-	50.0	-	-	-	-	50.0	-	50.0
Highway User Revenue Fund	80.5	190.0	-	190.0	-	-	-	-	190.0	-	270.5
Unfunded	-	-	-	-	225.0	225.0	225.0	225.0	900.0	-	900.0
<b>Total</b>	80.5	240.0	68.0	308.0	225.0	225.0	225.0	225.0	1,208.0	-	1,288.5

## Transportation - Traffic Signals

(S000)

<b>Traffic Signal Conversions</b> <b>Description:</b> Convert incandescent traffic signals to light emitting diode (LED) technology. An average of 110 intersections will be converted each year.  <b>Justification:</b> LED signals are more energy efficient and require less maintenance. A strobe flash is included on the red signal to draw drivers' attention and hopefully reduce the frequency of red light running.									<b>Project ID:</b> S826 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/05 <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Street and Highway Revenue Bond Funds	250.0	250.0	501.0	751.0	499.0	-	-	-	1,250.0	-	1,500.0
<b>Total</b>	250.0	250.0	501.0	751.0	499.0	-	-	-	1,250.0	-	1,500.0

<b>Traffic Signal Upgrades</b> <b>Description:</b> Upgrade existing traffic signal installations.  <b>Justification:</b> This project upgrades traffic signal poles and conduit to current standards.									<b>Project ID:</b> S950 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/08 <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Street and Highway Revenue Bond Funds	155.0	-	164.0	164.0	-	-	-	-	164.0	-	319.0
Highway User Revenue Fund	298.2	-	-	-	-	-	-	-	-	-	298.2
Unfunded	-	-	-	-	413.0	431.0	253.0	253.0	1,350.0	-	1,350.0
<b>Total</b>	453.2	-	164.0	164.0	413.0	431.0	253.0	253.0	1,514.0	-	1,967.2

## Transportation - Traffic Signals

(\$000)

### Turn Signal Modifications and Geometrics

**Description:**

Design and construct turn signal modifications.

**Project ID:** S960

**Start Date:** 7/01

**End Date:** 6/08

**Location:** Citywide

**Justification:**

These modifications will improve traffic flow and safety.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 Street and Highway Revenue Bond Funds	0.0	6.1	-	<b>6.1</b>	-	-	-	-	<b>6.1</b>	-	<b>6.1</b>
2000 Street and Highway Revenue Bond Funds	35.0	120.0	21.0	<b>141.0</b>	21.0	-	-	-	<b>162.0</b>	-	<b>197.0</b>
Highway User Revenue Fund	20.0	4.0	-	<b>4.0</b>	-	-	-	-	<b>4.0</b>	-	<b>24.0</b>
Unfunded	-	-	-	-	-	21.0	22.0	22.0	<b>65.0</b>	-	<b>65.0</b>
<b>Total</b>	55.1	130.1	21.0	<b>151.1</b>	21.0	21.0	22.0	22.0	<b>237.1</b>	-	<b>292.2</b>

## Transportation - Public Transit

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>ADA Pedestrian Access Improvements</b>											
2000 Street and Highway Revenue Bond Funds	-	-	10.0	<b>10.0</b>	10.0	-	-	-	<b>20.0</b>	-	20.0
Mass Transit Fund: Federal Grants	40.0	40.0	40.0	<b>80.0</b>	40.0	40.0	40.0	100.0	<b>300.0</b>	-	340.0
Mass Transit Fund: General Fund Transfer	10.0	10.0	-	<b>10.0</b>	-	10.0	10.0	25.0	<b>55.0</b>	-	65.0
	<b>50.0</b>	<b>50.0</b>	<b>50.0</b>	<b>100.0</b>	<b>50.0</b>	<b>50.0</b>	<b>50.0</b>	<b>125.0</b>	<b>375.0</b>	-	<b>425.0</b>
<b>Automated Vehicle Location System Kiosks</b>											
Mass Transit Fund: Federal Grants	0.5	199.1	140.0	<b>339.1</b>	-	-	-	100.0	<b>439.1</b>	-	439.6
Mass Transit Fund: General Fund Transfer	0.1	49.8	35.0	<b>84.8</b>	-	-	-	25.0	<b>109.8</b>	-	109.9
	<b>0.6</b>	<b>248.9</b>	<b>175.0</b>	<b>423.9</b>	-	-	-	<b>125.0</b>	<b>548.9</b>	-	<b>549.5</b>
<b>Broadway Boulevard Transit Improvements</b>											
2000 Street and Highway Revenue Bond Funds	-	25.0	-	<b>25.0</b>	-	-	-	-	<b>25.0</b>	-	25.0
Mass Transit Fund: Federal Grants	-	100.0	-	<b>100.0</b>	-	-	-	-	<b>100.0</b>	-	100.0
	-	<b>125.0</b>	-	<b>125.0</b>	-	-	-	-	<b>125.0</b>	-	<b>125.0</b>
<b>Compressed Natural Gas Facility Improvements</b>											
Mass Transit Fund: Federal Grants	257.6	62.4	400.0	<b>462.4</b>	-	-	-	160.0	<b>622.4</b>	-	880.0
Mass Transit Fund: General Fund Transfer	64.4	15.6	100.0	<b>115.6</b>	-	-	-	40.0	<b>155.6</b>	-	220.0
	<b>322.0</b>	<b>78.0</b>	<b>500.0</b>	<b>578.0</b>	-	-	-	<b>200.0</b>	<b>778.0</b>	-	<b>1,100.0</b>
<b>Downtown Intermodal Center/Union Pacific Depot</b>											
Mass Transit Fund: Federal Grants	2,584.4	4,787.6	4,000.0	<b>8,787.6</b>	800.0	1,600.0	-	-	<b>11,187.6</b>	-	13,772.0
Mass Transit Fund: General Fund Transfer	-	177.5	-	<b>177.5</b>	-	-	-	-	<b>177.5</b>	-	177.5
Unfunded	-	-	-	-	620.0	210.0	415.0	-	<b>1,245.0</b>	-	1,245.0
	<b>2,584.4</b>	<b>4,965.1</b>	<b>4,000.0</b>	<b>8,965.1</b>	<b>1,420.0</b>	<b>1,810.0</b>	<b>415.0</b>	-	<b>12,610.1</b>	-	<b>15,194.5</b>
<b>Expansion Vans for Van Tran</b>											
Mass Transit Fund: Federal Grants	-	-	624.0	<b>624.0</b>	163.2	-	-	-	<b>787.2</b>	-	787.2
Mass Transit Fund: General Fund Transfer	-	-	156.0	<b>156.0</b>	40.8	-	-	-	<b>196.8</b>	-	196.8
	-	-	<b>780.0</b>	<b>780.0</b>	<b>204.0</b>	-	-	-	<b>984.0</b>	-	<b>984.0</b>

## Transportation - Public Transit

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Pima Community College Transit Projects</b>											
2000 Street and Highway Revenue Bond Funds	-	140.0	-	<b>140.0</b>	-	-	-	-	<b>140.0</b>	-	140.0
Capital Agreement Fund	-	200.0	-	<b>200.0</b>	-	-	-	-	<b>200.0</b>	-	200.0
Highway User Revenue Fund	60.0	-	-	-	-	-	-	-	-	-	60.0
Mass Transit Fund: Federal Grants	429.5	224.0	560.0	<b>784.0</b>	-	-	-	-	<b>784.0</b>	-	1,213.5
Mass Transit Fund: General Fund Transfer	23.4	-	140.0	<b>140.0</b>	-	-	-	-	<b>140.0</b>	-	163.4
	<b>512.8</b>	<b>564.0</b>	<b>700.0</b>	<b>1,264.0</b>	-	-	-	-	<b>1,264.0</b>	-	<b>1,776.8</b>
<b>Replacement Buses</b>											
Mass Transit Fund: Federal Grants	-	3,057.5	4,354.7	<b>7,412.2</b>	5,471.3	6,562.9	7,353.1	4,508.9	<b>31,308.4</b>	-	31,308.4
Mass Transit Fund: General Fund Transfer	-	626.5	551.7	<b>1,178.2</b>	1,120.8	713.1	856.1	923.5	<b>4,791.7</b>	-	4,791.7
Unfunded	-	-	-	-	8,234.5	5,319.0	7,861.0	10,967.6	<b>32,382.1</b>	-	32,382.1
	-	<b>3,684.0</b>	<b>4,906.4</b>	<b>8,590.4</b>	<b>14,826.6</b>	<b>12,595.0</b>	<b>16,070.2</b>	<b>16,400.0</b>	<b>68,482.2</b>	-	<b>68,482.2</b>
<b>Replacement Vans</b>											
Mass Transit Fund: Federal Grants	-	-	1,248.0	<b>1,248.0</b>	611.0	1,574.0	1,405.0	1,200.0	<b>6,038.0</b>	-	6,038.0
Mass Transit Fund: General Fund Transfer	-	-	312.0	<b>312.0</b>	153.0	393.0	351.0	300.0	<b>1,509.0</b>	-	1,509.0
	-	-	<b>1,560.0</b>	<b>1,560.0</b>	<b>764.0</b>	<b>1,967.0</b>	<b>1,756.0</b>	<b>1,500.0</b>	<b>7,547.0</b>	-	<b>7,547.0</b>
<b>Sun Tran Bus Storage and Maintenance Facility</b>											
1994 General Obligation Bond Funds	3,500.0	500.0	-	<b>500.0</b>	-	-	-	-	<b>500.0</b>	-	4,000.0
Mass Transit Fund: Federal Grants	477.7	2,117.0	5,660.0	<b>7,777.0</b>	8,000.0	3,246.0	-	1,061.0	<b>20,084.0</b>	-	20,561.7
Unfunded	-	-	-	-	1,290.0	2,060.0	835.0	939.0	<b>5,124.0</b>	-	5,124.0
	<b>3,977.7</b>	<b>2,617.0</b>	<b>5,660.0</b>	<b>8,277.0</b>	<b>9,290.0</b>	<b>5,306.0</b>	<b>835.0</b>	<b>2,000.0</b>	<b>25,708.0</b>	-	<b>29,685.7</b>
<b>Transit Alternatives Analysis</b>											
Highway User Revenue Fund	-	114.0	-	<b>114.0</b>	-	-	-	-	<b>114.0</b>	-	114.0
Mass Transit Fund: Federal Grants	-	1,886.0	-	<b>1,886.0</b>	-	-	-	-	<b>1,886.0</b>	-	1,886.0
	-	<b>2,000.0</b>	-	<b>2,000.0</b>	-	-	-	-	<b>2,000.0</b>	-	<b>2,000.0</b>

## Transportation - Public Transit

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Transit Enhancements</b>											
Capital Agreement Fund: PAG	-	100.0	-	<b>100.0</b>	-	-	-	-	<b>100.0</b>	-	100.0
Mass Transit Fund: Federal Grants	-	-	97.1	<b>97.1</b>	100.0	102.8	106.6	117.9	<b>524.4</b>	-	524.4
Mass Transit Fund: General Fund Transfer	-	-	5.9	<b>5.9</b>	6.0	6.2	6.4	7.1	<b>31.6</b>	-	31.6
	-	<b>100.0</b>	<b>103.0</b>	<b>203.0</b>	<b>106.0</b>	<b>109.0</b>	<b>113.0</b>	<b>125.0</b>	<b>656.0</b>	-	<b>656.0</b>
<b>Transit Headquarters Improvements</b>											
Mass Transit Fund: Federal Grants	123.0	872.0	822.0	<b>1,694.0</b>	150.0	100.0	150.0	150.0	<b>2,244.0</b>	-	2,367.0
	<b>123.0</b>	<b>872.0</b>	<b>822.0</b>	<b>1,694.0</b>	<b>150.0</b>	<b>100.0</b>	<b>150.0</b>	<b>150.0</b>	<b>2,244.0</b>	-	<b>2,367.0</b>
<b>Udall Center Transit Facility</b>											
2000 Street and Highway Revenue Bond Funds	20.0	-	-	-	-	-	-	-	-	-	20.0
Mass Transit Fund: Federal Grants	144.6	200.0	80.0	<b>280.0</b>	-	-	-	-	<b>280.0</b>	-	424.6
Mass Transit Fund: General Fund Transfer	16.2	50.0	20.0	<b>70.0</b>	-	-	-	-	<b>70.0</b>	-	86.2
	<b>180.8</b>	<b>250.0</b>	<b>100.0</b>	<b>350.0</b>	-	-	-	-	<b>350.0</b>	-	<b>530.8</b>
<b>Program Area Total</b>	<b>7,751.3</b>	<b>15,554.0</b>	<b>19,356.4</b>	<b>34,910.4</b>	<b>26,810.6</b>	<b>21,937.0</b>	<b>19,389.2</b>	<b>20,625.0</b>	<b>123,672.2</b>	-	<b>131,423.5</b>
<b>Source of Funds Summary</b>											
1994 General Obligation Bond Funds	3,500.0	500.0	-	<b>500.0</b>	-	-	-	-	<b>500.0</b>	-	4,000.0
2000 Street and Highway Revenue Bond Funds	20.0	165.0	10.0	<b>175.0</b>	10.0	-	-	-	<b>185.0</b>	-	205.0
Capital Agreement Fund	-	200.0	-	<b>200.0</b>	-	-	-	-	<b>200.0</b>	-	200.0
Capital Agreement Fund: PAG	-	100.0	-	<b>100.0</b>	-	-	-	-	<b>100.0</b>	-	100.0
Highway User Revenue Fund	60.0	114.0	-	<b>114.0</b>	-	-	-	-	<b>114.0</b>	-	174.0
Mass Transit Fund: Federal Grants	4,057.3	13,545.6	18,025.8	<b>31,571.4</b>	15,335.5	13,225.7	9,054.7	7,397.8	<b>76,585.1</b>	-	80,642.4
Mass Transit Fund: General Fund Transfer	114.0	929.4	1,320.6	<b>2,250.0</b>	1,320.6	1,122.3	1,223.5	1,320.6	<b>7,237.0</b>	-	7,351.0
Unfunded	-	-	-	-	10,144.5	7,589.0	9,111.0	11,906.6	<b>38,751.1</b>	-	38,751.1
<b>Program Area Total</b>	<b>7,751.3</b>	<b>15,554.0</b>	<b>19,356.4</b>	<b>34,910.4</b>	<b>26,810.6</b>	<b>21,937.0</b>	<b>19,389.2</b>	<b>20,625.0</b>	<b>123,672.2</b>	-	<b>131,423.5</b>

## Transportation - Public Transit

(\$000)

<b>ADA Pedestrian Access Improvements</b> <b>Description:</b> Construct Americans with Disabilities Act (ADA) pedestrian access walkways.  <b>Justification:</b> The Federal Transit Administration mandates that the city include transit infrastructure improvements, which are projects that enhance service or are functionally related to existing transit facilities. These infrastructure improvements must be equal to a minimum of 1% of the annual grant award.									<b>Project ID:</b> M922 <b>Start Date:</b> 7/00 <b>End Date:</b> 6/08 <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Street and Highway Revenue Bond Funds	-	-	10.0	10.0	10.0	-	-	-	20.0	-	20.0
Mass Transit Fund: Federal Grants	40.0	40.0	40.0	80.0	40.0	40.0	40.0	100.0	300.0	-	340.0
Mass Transit Fund: General Fund Transfer	10.0	10.0	-	10.0	-	10.0	10.0	25.0	55.0	-	65.0
<b>Total</b>	50.0	50.0	50.0	100.0	50.0	50.0	50.0	125.0	375.0	-	425.0

<b>Automated Vehicle Location System Kiosks</b> <b>Description:</b> Design and construct electronic kiosks at the Ronstadt, Laos, and Tohono Tadaí Transit Centers. Kiosks will be installed by the end of Fiscal Year 2004. Fiscal Year 2008 funding is for equipment upgrades.  <b>Justification:</b> These kiosks will generate real-time information on estimated bus arrival times.									<b>Project ID:</b> M912 <b>Start Date:</b> 7/99 <b>End Date:</b> 6/08 <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Mass Transit Fund: Federal Grants	0.5	199.1	140.0	339.1	-	-	-	100.0	439.1	-	439.6
Mass Transit Fund: General Fund Transfer	0.1	49.8	35.0	84.8	-	-	-	25.0	109.8	-	109.9
<b>Total</b>	0.6	248.9	175.0	423.9	-	-	-	125.0	548.9	-	549.5



## Transportation - Public Transit

(\$000)

<b>Broadway Boulevard Transit Improvements</b> <b>Description:</b> Engineer and design transit improvements on Broadway Boulevard. Construction of the enhanced bus shelters is contingent upon receipt of additional grant funding.  <b>Justification:</b> New bus shelters on Broadway Boulevard will replace the loss of the shelter that had to be removed during the renovation of El Con Mall.									<b>Project ID:</b> M902 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/04  <b>Location:</b> Wards 5 and 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Street and Highway Revenue Bond Funds	-	25.0	-	25.0	-	-	-	-	25.0	-	25.0
Mass Transit Fund: Federal Grants	-	100.0	-	100.0	-	-	-	-	100.0	-	100.0
<b>Total</b>	-	125.0	-	125.0	-	-	-	-	125.0	-	125.0

<b>Compressed Natural Gas Facility Improvements</b> <b>Description:</b> Rehabilitate and renovate Sun Tran's compressed natural gas (CNG) facility. CNG compressors will be rebuilt to provide 3,800 psi (pounds per square inch) of pressure, an increase of 400 psi over the current system. In addition, the CNG facility will be retrofitted with a water cooling system on the outlet side. Funding in Fiscal Year 2008 is for equipment upgrades.  <b>Justification:</b> These upgrades will improve fueling efficiency and increase the CNG storage capacity on buses, which will extend route operating times between refuelings.									<b>Project ID:</b> M211 <b>Start Date:</b> 7/00 <b>End Date:</b> 6/08  <b>Location:</b> Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Mass Transit Fund: Federal Grants	257.6	62.4	400.0	462.4	-	-	-	160.0	622.4	-	880.0
Mass Transit Fund: General Fund Transfer	64.4	15.6	100.0	115.6	-	-	-	40.0	155.6	-	220.0
<b>Total</b>	322.0	78.0	500.0	578.0	-	-	-	200.0	778.0	-	1,100.0

## Transportation - Public Transit

(\$000)

<b>Downtown Intermodal Center/Union Pacific Depot</b> <b>Description:</b> Design and reconstruct the Union Pacific Depot and its historic out-buildings as part of a phased development that will incorporate retail, public, and governmental uses as recommended in the Downtown Tucson Intermodal Master Plan. The cost of operating and maintaining the facility will be covered by tenant payments.  <b>Justification:</b> The intermodal center is intended to anchor and lead the revitalization of downtown Tucson.									<b>Project ID:</b> M729 <b>Start Date:</b> 7/98 <b>End Date:</b> 6/07  <b>Location:</b> Ward 6 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Mass Transit Fund: Federal Grants	2,584.4	4,787.6	4,000.0	<b>8,787.6</b>	800.0	1,600.0	-	-	<b>11,187.6</b>	-	<b>13,772.0</b>
Mass Transit Fund: General Fund Transfer	-	177.5	-	<b>177.5</b>	-	-	-	-	<b>177.5</b>	-	<b>177.5</b>
Unfunded	-	-	-	-	620.0	210.0	415.0	-	<b>1,245.0</b>	-	<b>1,245.0</b>
<b>Total</b>	2,584.4	4,965.1	4,000.0	<b>8,965.1</b>	1,420.0	1,810.0	415.0	-	<b>12,610.1</b>	-	<b>15,194.5</b>

<b>Expansion Vans for Van Tran</b> <b>Description:</b> Purchase thirteen vans for Van Tran.  <b>Justification:</b> These vans will permit Van Tran to provide more service hours, resulting in a reduced denial rate. This service expansion responds to the Federal Transit Administrations' Triennial and Financial Management Oversight Audit findings on capacity constraints in the city's paratransit system.									<b>Project ID:</b> M521 <b>Start Date:</b> 7/03 <b>End Date:</b> 6/05  <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Mass Transit Fund: Federal Grants	-	-	624.0	<b>624.0</b>	163.2	-	-	-	<b>787.2</b>	-	<b>787.2</b>
Mass Transit Fund: General Fund Transfer	-	-	156.0	<b>156.0</b>	40.8	-	-	-	<b>196.8</b>	-	<b>196.8</b>
<b>Total</b>	-	-	780.0	<b>780.0</b>	204.0	-	-	-	<b>984.0</b>	-	<b>984.0</b>

## Transportation - Public Transit

(\$000)

<b>Pima Community College Transit Projects</b> <b>Description:</b> Design and construct improvements at bus stops and exit roads located at Pima Community College's eastside and westside campuses.  <b>Justification:</b> This project will improve bus circulation and enhance pedestrian safety.									<b>Project ID:</b> M924 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/04  <b>Location:</b> Wards 1 and 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Street and Highway Revenue Bond Funds	-	140.0	-	140.0	-	-	-	-	140.0	-	140.0
Capital Agreement Fund	-	200.0	-	200.0	-	-	-	-	200.0	-	200.0
Highway User Revenue Fund	60.0	-	-	-	-	-	-	-	-	-	60.0
Mass Transit Fund: Federal Grants	429.5	224.0	560.0	784.0	-	-	-	-	784.0	-	1,213.5
Mass Transit Fund: General Fund Transfer	23.4	-	140.0	140.0	-	-	-	-	140.0	-	163.4
<b>Total</b>	512.8	564.0	700.0	1,264.0	-	-	-	-	1,264.0	-	1,776.8

<b>Replacement Buses</b> <b>Description:</b> Replace Sun Tran buses at an average cost of \$350,000 per vehicle. The Sun Tran fleet currently totals 199 buses. Over the next five years, 195 buses are scheduled for replacement: 24 in Fiscal Year 2004, 42 in Fiscal Year 2005, 36 in Fiscal Year 2006, 46 in Fiscal Year 2007, and 47 in Fiscal Year 2008. Only 103 of the 195 bus replacements have an identified funding source. Replacement of the other 92 buses is unfunded.  <b>Justification:</b> To maximize operational efficiency, buses are scheduled for replacement at the end of their useful life of at least 12 years or 500,000 miles.									<b>Project ID:</b> M007 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Mass Transit Fund: Federal Grants	-	3,057.5	4,354.7	7,412.2	5,471.3	6,562.9	7,353.1	4,508.9	31,308.4	-	31,308.4
Mass Transit Fund: General Fund Transfer	-	626.5	551.7	1,178.2	1,120.8	713.1	856.1	923.5	4,791.7	-	4,791.7
Unfunded	-	-	-	-	8,234.5	5,319.0	7,861.0	10,967.6	32,382.1	-	32,382.1
<b>Total</b>	-	3,684.0	4,906.4	8,590.4	14,826.6	12,595.0	16,070.2	16,400.0	68,482.2	-	68,482.2



## Transportation - Public Transit

(S000)

<b>Transit Alternatives Analysis</b> <b>Description:</b> Perform a mass transit alternatives analysis to determine the feasibility of light rail, bus rapid transit, or other transit services in designated major corridors. The analysis will provide information on the benefits, cost, and impacts of alternative strategies, leading to the selection of a locally-preferred transit alternative.  <b>Justification:</b> The city has committed to performing this analysis of transit alternatives that could be proposed for federal funding. The analysis is a key planning tool for determining appropriate solutions to regional transportation issues.									<b>Project ID:</b> M915 <b>Start Date:</b> 7/03 <b>End Date:</b> 6/04 <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Highway User Revenue Fund	-	114.0	-	114.0	-	-	-	-	114.0	-	114.0
Mass Transit Fund: Federal Grants	-	1,886.0	-	1,886.0	-	-	-	-	1,886.0	-	1,886.0
<b>Total</b>	-	2,000.0	-	2,000.0	-	-	-	-	2,000.0	-	2,000.0

<b>Transit Enhancements</b> <b>Description:</b> Design and construct improvements to transit facilities with historic value; install bus shelters, signage, and pedestrian and bicycle access to transit facilities; and reconstruct walkways to bring them up to Americans with Disabilities Act (ADA) standards.  <b>Justification:</b> The Federal Transit Administration mandates that the city include transit infrastructure improvements, which are projects that enhance service or are functionally related to existing transit facilities. These infrastructure improvements must be equal to a minimum of 1% of the annual grant award.									<b>Project ID:</b> M408 <b>Start Date:</b> Annual <b>End Date:</b> Annual <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Capital Agreement Fund: PAG	-	100.0	-	100.0	-	-	-	-	100.0	-	100.0
Mass Transit Fund: Federal Grants	-	-	97.1	97.1	100.0	102.8	106.6	117.9	524.4	-	524.4
Mass Transit Fund: General Fund Transfer	-	-	5.9	5.9	6.0	6.2	6.4	7.1	31.6	-	31.6
<b>Total</b>	-	100.0	103.0	203.0	106.0	109.0	113.0	125.0	656.0	-	656.0

## Transportation - Public Transit

(\$000)

<b>Transit Headquarters Improvements</b> <b>Description:</b> Design and construct improvements to the Transit Headquarters at 149 North Stone. Land value is being used as the required local match for federal funds.  <b>Justification:</b> This facility will house activities that support the city's public transit system, including administrative and planning staff, the Americans with Disabilities Act (ADA) Regional Eligibility Office, bus pass sales, low-income bus pass certifications, paratransit ride voucher sales, and meeting and conference rooms.									<b>Project ID:</b> M404 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/08  <b>Location:</b> Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Mass Transit Fund: Federal Grants	123.0	872.0	822.0	1,694.0	150.0	100.0	150.0	150.0	2,244.0	-	2,367.0
<b>Total</b>	123.0	872.0	822.0	1,694.0	150.0	100.0	150.0	150.0	2,244.0	-	2,367.0

<b>Udall Center Transit Facility</b> <b>Description:</b> Design and construct a transit facility along the east side of Sabino Canyon Road, adjacent to the Udall Center.  <b>Justification:</b> This transit facility, which was recommended in the 1980 Short Range Transit Plan, will enhance existing and future transit operations on the city's eastside while complementing existing service in the south, downtown, and northwest service areas.									<b>Project ID:</b> M201 <b>Start Date:</b> 7/00 <b>End Date:</b> 6/04  <b>Location:</b> Ward 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Street and Highway Revenue Bond Funds	20.0	-	-	-	-	-	-	-	-	-	20.0
Mass Transit Fund: Federal Grants	144.6	200.0	80.0	280.0	-	-	-	-	280.0	-	424.6
Mass Transit Fund: General Fund Transfer	16.2	50.0	20.0	70.0	-	-	-	-	70.0	-	86.2
<b>Total</b>	180.8	250.0	100.0	350.0	-	-	-	-	350.0	-	530.8

# Tucson Water

TRANSPORTATION



DOWNTOWN



GROWTH



GOOD GOVERNMENT

ECONOMIC DEVELOPMENT



NEIGHBORHOODS



# Capital Improvement Program Department Statement

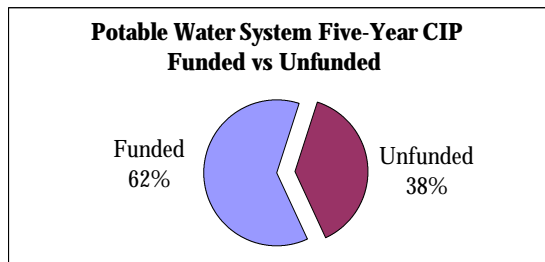
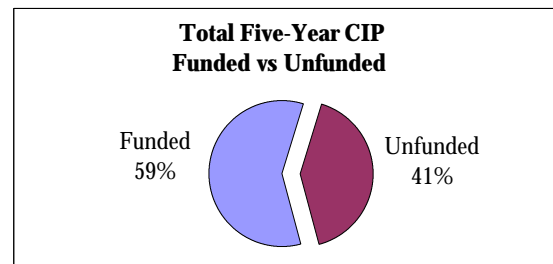
**FY 2004 through FY 2008**

**Department:** Tucson Water

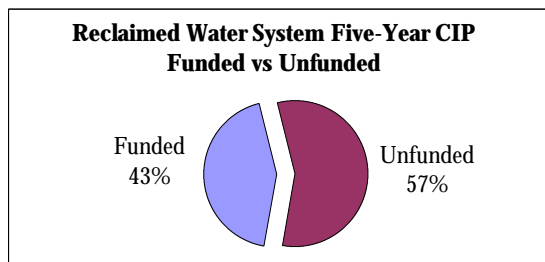
**Five-Year Total:** \$ 238,501,000

Tucson Water's Capital Improvement Program (CIP) is the foundation of a water supply plan for the community. This CIP will significantly assist in achieving the long-term goal of balancing groundwater pumping with replenishment of the aquifer. The five-year program reflects the city's leadership in basin-wide water resource management through the prudent use of groundwater and Colorado River water, the recharge of secondary effluent and reclaimed water, and the expansion of the reclaimed water system. Emphasis will remain on developing renewable sources of water, improving storage capacity and pumping efficiency, and constructing new transmission and distribution mains.

The five-year capital program of \$238.5 million, which includes improvements to both the potable and reclaimed water systems, is 59% funded and 41% unfunded. Funding of \$140.7 million is available from \$94.8 million in water utility revenues and \$45.9 million from the 2000 bond authorization. The remaining unfunded portion, \$97.8 million, is anticipated to be financed through an additional bond authorization.



The Potable Water System program of \$199.9 million is 62% funded and 38% unfunded. This program includes improvements to ensure that customer water use demands are met with high quality water and that the water supply is reliable and meets the safe yield and assured water supply requirements of the Arizona State Groundwater Management Act.



The Reclaimed Water System program of \$38.6 million is 43% funded and 57% unfunded. This program includes improvements to enable the use of reclaimed water, which helps meet the safe yield and assured water supply requirements of the Arizona State Groundwater Management Act.

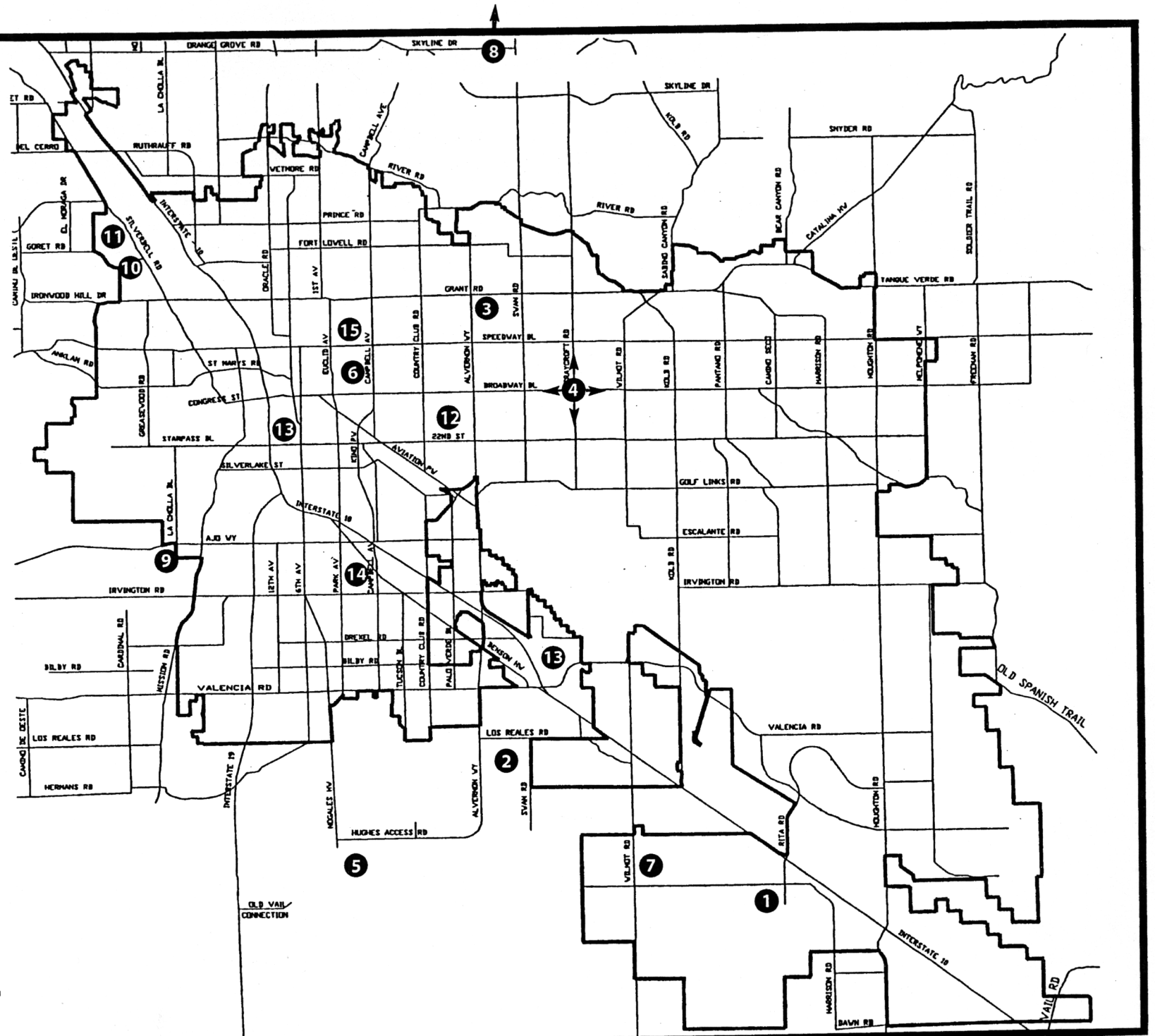


## Tucson Water: CIP Impact on the Operating Budget

When the following projects are completed, they will require funding for annual operations. The estimated impact of these projects on the operating budget over the next five years is shown in the table below.

(\$000)

<b>Project Name</b>	<b>Year 1 FY 2004</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>	<b>Five Year Total</b>
Clearwater Renewable Resource Facility	9,979.9	10,471.1	10,873.3	11,283.1	11,760.8	<b>54,368.2</b>
<b>Total</b>	<b>9,979.9</b>	<b>10,471.1</b>	<b>10,873.3</b>	<b>11,283.1</b>	<b>11,760.8</b>	<b>54,368.2</b>
<b>Source of Funds Summary</b>						
Tucson Water Revenue and Operations Fund	9,979.9	10,471.1	10,873.3	11,283.1	11,760.8	<b>54,368.2</b>
<b>Total</b>	<b>9,979.9</b>	<b>10,471.1</b>	<b>10,873.3</b>	<b>11,283.1</b>	<b>11,760.8</b>	<b>54,368.2</b>



Tucson Water

**Map Legend**  
**Tucson Water**

<u>Project Name</u>	<u>Year to be Completed</u>	<u>Project Name</u>	<u>Year to be Completed</u>
<u>Potable Storage</u>		<u>Reclaimed Source Development</u>	
1. Southeast E Zone Storage	FY 2007	10. Reclaimed Storage and Recovery	FY 2005
2. Wilmot D Zone Reservoir and Booster	FY 2004	<u>Reclaimed Storage</u>	
		11. Roger Road Reservoir	FY 2007
<u>Potable Transmission</u>		<u>Reclaimed Pumping Plant</u>	
3. Alvernon/Grant B Zone Transmission Main	FY 2004	12. Reid Park Boosters Expansion	FY 2005
4. Corrosion Evaluation and Repair	Annual	<u>Reclaimed Transmission</u>	
5. Old Nogales Highway Transmission Main	FY 2004	13. 18th Street/10th Avenue Reclaimed Transmission Main	FY 2004
6. Plumer/Broadway B Zone Transmission Main	FY 2004	14. Campbell/Drexel Reclaimed Main	FY 2005
7. Southeast E Zone Transmission Main	FY 2006	<u>Reclaimed Distribution</u>	
<u>Potable Distribution</u>		15. Campbell/3rd Street Reclaimed Distribution Main	FY 2006
8. Skyline Country Club System Modifications	FY 2005		
<u>Potable Treatment</u>			
9. Hayden-Udall Treatment Plant Rehabilitation	FY 2007		

## Tucson Water

### Five-Year Capital Improvement Program

(\$000)

Program Area	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Tucson Water - Potable Water System	103,520.0	5,385.0	35,304.0	<b>40,689.0</b>	36,470.0	41,895.0	44,417.0	36,382.0	<b>199,853.0</b>	200,102.0	<b>503,475.0</b>
Tucson Water - Reclaimed Water System	4,240.0	520.0	10,820.0	<b>11,340.0</b>	9,960.0	3,320.0	3,650.0	10,378.0	<b>38,648.0</b>	39,983.0	<b>82,871.0</b>
<b>Department Total</b>	<b>107,759.9</b>	<b>5,905.0</b>	<b>46,124.0</b>	<b>52,029.0</b>	<b>46,430.0</b>	<b>45,215.0</b>	<b>48,067.0</b>	<b>46,760.0</b>	<b>238,501.0</b>	<b>240,085.0</b>	<b>586,345.9</b>

Source of Funds Summary											
1984 Water Revenue Bond Funds	125.2	-	-	-	-	-	-	-	-	-	125.2
1994 Water Revenue Bond Funds	38,168.2	-	-	-	-	-	-	-	-	-	38,168.2
2000 Water Revenue Bond Funds	48,990.4	5,905.0	25,301.0	<b>31,206.0</b>	14,634.0	-	-	-	<b>45,840.0</b>	-	94,830.4
Central Arizona Project Reserve Fund	5,460.3	-	10.0	<b>10.0</b>	10.0	10.0	10.0	-	<b>40.0</b>	-	5,500.3
Tucson Water Revenue and Operations Fund	15,015.9	-	20,813.0	<b>20,813.0</b>	19,154.0	19,641.0	17,206.0	17,989.0	<b>94,803.0</b>	48,175.0	157,993.9
Unfunded	-	-	-	-	12,632.0	25,564.0	30,851.0	28,771.0	<b>97,818.0</b>	191,910.0	289,728.0
<b>Department Total</b>	<b>107,759.9</b>	<b>5,905.0</b>	<b>46,124.0</b>	<b>52,029.0</b>	<b>46,430.0</b>	<b>45,215.0</b>	<b>48,067.0</b>	<b>46,760.0</b>	<b>238,501.0</b>	<b>240,085.0</b>	<b>586,345.9</b>

## Tucson Water - Potable Water System

### Five-Year Capital Improvement Program

(\$000)

Program Area	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Tucson Water - Potable Source Development	-	-	2,113.0	<b>2,113.0</b>	2,303.0	2,483.0	4,953.0	4,983.0	<b>16,835.0</b>	24,340.0	<b>41,175.0</b>
Tucson Water - Recharge and Recovery	78,126.4	2,270.0	255.0	<b>2,525.0</b>	460.0	600.0	-	-	<b>3,585.0</b>	-	<b>81,711.4</b>
Tucson Water - Potable Storage	6,507.4	90.0	3,284.0	<b>3,374.0</b>	1,474.0	4,796.0	4,574.0	6,489.0	<b>20,707.0</b>	26,500.0	<b>53,714.4</b>
Tucson Water - Potable Pumping Plant	1,034.3	490.0	1,569.0	<b>2,059.0</b>	825.0	2,763.0	2,325.0	2,550.0	<b>10,522.0</b>	14,225.0	<b>25,781.3</b>
Tucson Water - Potable Transmission	3,269.9	180.0	8,066.0	<b>8,246.0</b>	6,554.0	8,755.0	9,100.0	5,900.0	<b>38,555.0</b>	42,637.0	<b>84,461.9</b>
Tucson Water - Potable Distribution	4,569.0	1,610.0	6,126.0	<b>7,736.0</b>	9,410.0	7,985.0	7,385.0	7,185.0	<b>39,701.0</b>	42,025.0	<b>86,295.0</b>
Tucson Water - Potable New Services	-	-	2,210.0	<b>2,210.0</b>	2,210.0	2,210.0	2,210.0	2,210.0	<b>11,050.0</b>	11,050.0	<b>22,100.0</b>
Tucson Water - Potable General Plant	4,959.3	520.0	2,551.0	<b>3,071.0</b>	1,904.0	3,543.0	6,120.0	65.0	<b>14,703.0</b>	325.0	<b>19,987.3</b>
Tucson Water - Potable Treatment	4,073.4	225.0	2,650.0	<b>2,875.0</b>	5,500.0	3,700.0	2,750.0	2,000.0	<b>16,825.0</b>	14,000.0	<b>34,898.4</b>
Tucson Water - Potable Process Control	980.2	-	1,480.0	<b>1,480.0</b>	830.0	60.0	-	-	<b>2,370.0</b>	-	<b>3,350.2</b>
Tucson Water - Capitalized Expense	-	-	5,000.0	<b>5,000.0</b>	5,000.0	5,000.0	5,000.0	5,000.0	<b>25,000.0</b>	25,000.0	<b>50,000.0</b>
<b>Program Total</b>	<b>103,520.0</b>	<b>5,385.0</b>	<b>35,304.0</b>	<b>40,689.0</b>	<b>36,470.0</b>	<b>41,895.0</b>	<b>44,417.0</b>	<b>36,382.0</b>	<b>199,853.0</b>	<b>200,102.0</b>	<b>503,475.0</b>

Source of Funds Summary											
1984 Water Revenue Bond Funds	39.1	-	-	-	-	-	-	-	-	-	39.1
1994 Water Revenue Bond Funds	37,853.1	-	-	-	-	-	-	-	-	-	37,853.1
2000 Water Revenue Bond Funds	45,478.0	5,385.0	17,744.0	<b>23,129.0</b>	13,654.0	-	-	-	<b>36,783.0</b>	-	82,261.0
Central Arizona Project Reserve Fund	5,460.3	-	10.0	<b>10.0</b>	10.0	10.0	10.0	-	<b>40.0</b>	-	5,500.3
Tucson Water Revenue and Operations Fund	14,689.5	-	17,550.0	<b>17,550.0</b>	18,384.0	19,446.0	17,011.0	14,704.0	<b>87,095.0</b>	44,350.0	146,134.5
Unfunded	-	-	-	-	4,422.0	22,439.0	27,396.0	21,678.0	<b>75,935.0</b>	155,752.0	231,687.0
<b>Program Total</b>	<b>103,520.0</b>	<b>5,385.0</b>	<b>35,304.0</b>	<b>40,689.0</b>	<b>36,470.0</b>	<b>41,895.0</b>	<b>44,417.0</b>	<b>36,382.0</b>	<b>199,853.0</b>	<b>200,102.0</b>	<b>503,475.0</b>

**Note:** This CIP assumed passage of the Water System Equity Fee. Since the Mayor and Council have not approved the fee, Tucson Water is in the process of revising its 5-Year Financial Plan. The new plan will require that modifications be made to Tucson Water's CIP.

## Tucson Water - Potable Source Development

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Drill Production Wells</b>											
2000 Water Revenue Bond Funds	-	-	600.0	<b>600.0</b>	550.0	-	-	-	<b>1,150.0</b>	-	1,150.0
Unfunded	-	-	-	-	-	550.0	550.0	550.0	<b>1,650.0</b>	4,835.0	6,485.0
	-	-	<b>600.0</b>	<b>600.0</b>	<b>550.0</b>	<b>550.0</b>	<b>550.0</b>	<b>550.0</b>	<b>2,800.0</b>	<b>4,835.0</b>	<b>7,635.0</b>
<b>Monitor Wells</b>											
2000 Water Revenue Bond Funds	-	-	-	-	220.0	-	-	-	<b>220.0</b>	-	220.0
Unfunded	-	-	-	-	-	-	220.0	-	<b>220.0</b>	450.0	670.0
	-	-	-	-	<b>220.0</b>	-	<b>220.0</b>	-	<b>440.0</b>	<b>450.0</b>	<b>890.0</b>
<b>New Well Equipping</b>											
2000 Water Revenue Bond Funds	-	-	600.0	<b>600.0</b>	-	-	-	-	<b>600.0</b>	-	600.0
Tucson Water Revenue and Operations Fund	-	-	-	-	620.0	-	-	-	<b>620.0</b>	-	620.0
Unfunded	-	-	-	-	-	620.0	620.0	620.0	<b>1,860.0</b>	4,340.0	6,200.0
	-	-	<b>600.0</b>	<b>600.0</b>	<b>620.0</b>	<b>620.0</b>	<b>620.0</b>	<b>620.0</b>	<b>3,080.0</b>	<b>4,340.0</b>	<b>7,420.0</b>
<b>Potable Source Development - Future</b>											
Tucson Water Revenue and Operations Fund	-	-	-	-	100.0	500.0	2,695.0	753.0	<b>4,048.0</b>	-	4,048.0
Unfunded	-	-	-	-	-	-	55.0	2,247.0	<b>2,302.0</b>	10,650.0	12,952.0
	-	-	-	-	<b>100.0</b>	<b>500.0</b>	<b>2,750.0</b>	<b>3,000.0</b>	<b>6,350.0</b>	<b>10,650.0</b>	<b>17,000.0</b>
<b>Pressure Tank Replacement</b>											
2000 Water Revenue Bond Funds	-	-	450.0	<b>450.0</b>	-	-	-	-	<b>450.0</b>	-	450.0
Tucson Water Revenue and Operations Fund	-	-	-	-	450.0	-	-	-	<b>450.0</b>	-	450.0
Unfunded	-	-	-	-	-	450.0	450.0	450.0	<b>1,350.0</b>	2,250.0	3,600.0
	-	-	<b>450.0</b>	<b>450.0</b>	<b>450.0</b>	<b>450.0</b>	<b>450.0</b>	<b>450.0</b>	<b>2,250.0</b>	<b>2,250.0</b>	<b>4,500.0</b>
<b>Production Well Sites</b>											
2000 Water Revenue Bond Funds	-	-	75.0	<b>75.0</b>	-	-	-	-	<b>75.0</b>	-	75.0
Tucson Water Revenue and Operations Fund	-	-	-	-	75.0	-	-	-	<b>75.0</b>	-	75.0
Unfunded	-	-	-	-	-	75.0	75.0	75.0	<b>225.0</b>	375.0	600.0
	-	-	<b>75.0</b>	<b>75.0</b>	<b>75.0</b>	<b>75.0</b>	<b>75.0</b>	<b>75.0</b>	<b>375.0</b>	<b>375.0</b>	<b>750.0</b>

## Tucson Water - Potable Source Development

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Well Field Upgrades</b>											
2000 Water Revenue Bond Funds	-	-	160.0	<b>160.0</b>	-	-	-	-	<b>160.0</b>	-	160.0
Tucson Water Revenue and Operations Fund	-	-	228.0	<b>228.0</b>	288.0	-	-	-	<b>516.0</b>	-	516.0
Unfunded	-	-	-	-	-	288.0	288.0	288.0	<b>864.0</b>	1,440.0	2,304.0
	-	-	<b>388.0</b>	<b>388.0</b>	<b>288.0</b>	<b>288.0</b>	<b>288.0</b>	<b>288.0</b>	<b>1,540.0</b>	<b>1,440.0</b>	<b>2,980.0</b>
<b>Program Area Total</b>	-	-	<b>2,113.0</b>	<b>2,113.0</b>	<b>2,303.0</b>	<b>2,483.0</b>	<b>4,953.0</b>	<b>4,983.0</b>	<b>16,835.0</b>	<b>24,340.0</b>	<b>41,175.0</b>
<b>Source of Funds Summary</b>											
2000 Water Revenue Bond Funds	-	-	1,885.0	<b>1,885.0</b>	770.0	-	-	-	<b>2,655.0</b>	-	2,655.0
Tucson Water Revenue and Operations Fund	-	-	228.0	<b>228.0</b>	1,533.0	500.0	2,695.0	753.0	<b>5,709.0</b>	-	5,709.0
Unfunded	-	-	-	-	-	1,983.0	2,258.0	4,230.0	<b>8,471.0</b>	24,340.0	32,811.0
<b>Program Area Total</b>	-	-	<b>2,113.0</b>	<b>2,113.0</b>	<b>2,303.0</b>	<b>2,483.0</b>	<b>4,953.0</b>	<b>4,983.0</b>	<b>16,835.0</b>	<b>24,340.0</b>	<b>41,175.0</b>

## Tucson Water - Potable Source Development

(\$000)

<b>Drill Production Wells</b> <b>Description:</b> Design and drill two wells per year. Approximately 33% of this project is included within the Southeast Area Plan, and another 20% is included within the Southwest Area Plan.  <b>Justification:</b> New wells are needed to replace those that fail or that do not generate sufficient water production and to provide backup capacity.										<b>Project ID:</b> W101 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> City and County		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
2000 Water Revenue Bond Funds	-	-	600.0	600.0	550.0	-	-	-	1,150.0	-	1,150.0	
Unfunded	-	-	-	-	-	550.0	550.0	550.0	1,650.0	4,835.0	6,485.0	
Total	-	-	600.0	600.0	550.0	550.0	550.0	550.0	2,800.0	4,835.0	7,635.0	

<b>Monitor Wells</b> <b>Description:</b> Design and drill monitor wells.  <b>Justification:</b> Monitor wells are needed for periodic sampling of the potable water supply between production wells and in areas of known or suspected groundwater contamination.										<b>Project ID:</b> W703 <b>Start Date:</b> Biannual <b>End Date:</b> Biannual  <b>Location:</b> City and County		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
2000 Water Revenue Bond Funds	-	-	-	-	220.0	-	-	-	220.0	-	220.0	
Unfunded	-	-	-	-	-	-	220.0	-	220.0	450.0	670.0	
Total	-	-	-	-	220.0	-	220.0	-	440.0	450.0	890.0	



## Tucson Water - Potable Source Development

(\$000)

<b>New Well Equipping</b> <b>Description:</b> Equip two new production wells per year. Approximately 33% of this project is included in the Southeast Area Plan.  <b>Justification:</b> Equipping of wells is necessary to meet customer groundwater demand.									<b>Project ID:</b> W035 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	-	-	600.0	600.0	-	-	-	-	600.0	-	600.0
Tucson Water Revenue and Operations Fund	-	-	-	-	620.0	-	-	-	620.0	-	620.0
Unfunded	-	-	-	-	-	620.0	620.0	620.0	1,860.0	4,340.0	6,200.0
<b>Total</b>	-	-	600.0	600.0	620.0	620.0	620.0	620.0	3,080.0	4,340.0	7,420.0

<b>Potable Source Development - Future</b> <b>Description:</b> Budget capacity for anticipated, but not yet specifically identified projects. Projects will be determined as part of Tucson Water's ongoing capital planning process, which takes a comprehensive look at system needs.  <b>Justification:</b> Identified potable source development projects will provide additional capacity to meet customer demand.									<b>Project ID:</b> WA99 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Tucson Water Revenue and Operations Fund	-	-	-	-	100.0	500.0	2,695.0	753.0	4,048.0	-	4,048.0
Unfunded	-	-	-	-	-	-	55.0	2,247.0	2,302.0	10,650.0	12,952.0
<b>Total</b>	-	-	-	-	100.0	500.0	2,750.0	3,000.0	6,350.0	10,650.0	17,000.0

## Tucson Water - Potable Source Development

(\$000)

<b>Pressure Tank Replacement</b> <b>Description:</b> Replace approximately eight pressure tanks per year at wells and booster stations on an as-needed basis.  <b>Justification:</b> In the past six years, 52 pressure tanks have been replaced. The remaining 150 pressure tanks need to be inspected and replaced if they do not meet the requirements of the city's boiler and pressure vessel code.									<b>Project ID:</b> W075 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> City and County		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 Water Revenue Bond Funds	-	-	450.0	450.0	-	-	-	-	450.0	-	450.0
Tucson Water Revenue and Operations Fund	-	-	-	-	450.0	-	-	-	450.0	-	450.0
Unfunded	-	-	-	-	-	450.0	450.0	450.0	1,350.0	2,250.0	3,600.0
<b>Total</b>	-	-	450.0	450.0	450.0	450.0	450.0	450.0	2,250.0	2,250.0	4,500.0

<b>Production Well Sites</b> <b>Description:</b> Acquire property for new production well sites. Approximately 33% of this project is included in the Southeast Area Plan, and another 20% is included in the Southwest Area Plan.  <b>Justification:</b> Well sites are needed to meet future demand for groundwater production and to replace obsolete wells.									<b>Project ID:</b> W087 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> City and County		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 Water Revenue Bond Funds	-	-	75.0	75.0	-	-	-	-	75.0	-	75.0
Tucson Water Revenue and Operations Fund	-	-	-	-	75.0	-	-	-	75.0	-	75.0
Unfunded	-	-	-	-	-	75.0	75.0	75.0	225.0	375.0	600.0
<b>Total</b>	-	-	75.0	75.0	75.0	75.0	75.0	75.0	375.0	375.0	750.0

## Tucson Water - Potable Source Development

(\$000)

<b>Well Field Upgrades</b> <b>Description:</b> Replace obsolete pumps and electric motors at water wells.  <b>Justification:</b> Upgrades to wells are necessary to maximize their production capacity.									<b>Project ID:</b> W077 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	-	-	160.0	160.0	-	-	-	-	160.0	-	160.0
Tucson Water Revenue and Operations Fund	-	-	228.0	228.0	288.0	-	-	-	516.0	-	516.0
Unfunded	-	-	-	-	-	288.0	288.0	288.0	864.0	1,440.0	2,304.0
Total	-	-	388.0	388.0	288.0	288.0	288.0	288.0	1,540.0	1,440.0	2,980.0

## Tucson Water - Recharge and Recovery

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Clearwater Renewable Resource Facility</b>											
1994 Water Revenue Bond Funds	34,678.2	-	-	-	-	-	-	-	-	-	34,678.2
2000 Water Revenue Bond Funds	31,330.3	2,270.0	-	<b>2,270.0</b>	-	-	-	-	<b>2,270.0</b>	-	33,600.3
Central Arizona Project Reserve Fund	5,402.7	-	-	-	-	-	-	-	-	-	5,402.7
Tucson Water Revenue and Operations Fund	6,715.2	-	-	-	-	-	-	-	-	-	6,715.2
	<b>78,126.4</b>	<b>2,270.0</b>	-	<b>2,270.0</b>	-	-	-	-	<b>2,270.0</b>	-	<b>80,396.4</b>
<b>South Avra Valley Storage &amp; Recovery Project</b>											
2000 Water Revenue Bond Funds	-	-	255.0	<b>255.0</b>	460.0	-	-	-	<b>715.0</b>	-	715.0
Unfunded	-	-	-	-	-	600.0	-	-	<b>600.0</b>	-	600.0
	-	-	<b>255.0</b>	<b>255.0</b>	<b>460.0</b>	<b>600.0</b>	-	-	<b>1,315.0</b>	-	<b>1,315.0</b>
<b>Program Area Total</b>	<b>78,126.4</b>	<b>2,270.0</b>	<b>255.0</b>	<b>2,525.0</b>	<b>460.0</b>	<b>600.0</b>	-	-	<b>3,585.0</b>	-	<b>81,711.4</b>
<b>Source of Funds Summary</b>											
1994 Water Revenue Bond Funds	34,678.2	-	-	-	-	-	-	-	-	-	34,678.2
2000 Water Revenue Bond Funds	31,330.3	2,270.0	255.0	<b>2,525.0</b>	460.0	-	-	-	<b>2,985.0</b>	-	34,315.3
Central Arizona Project Reserve Fund	5,402.7	-	-	-	-	-	-	-	-	-	5,402.7
Tucson Water Revenue and Operations Fund	6,715.2	-	-	-	-	-	-	-	-	-	6,715.2
Unfunded	-	-	-	-	-	600.0	-	-	<b>600.0</b>	-	600.0
<b>Program Area Total</b>	<b>78,126.4</b>	<b>2,270.0</b>	<b>255.0</b>	<b>2,525.0</b>	<b>460.0</b>	<b>600.0</b>	-	-	<b>3,585.0</b>	-	<b>81,711.4</b>

## Tucson Water - Recharge and Recovery

(\$000)

<b>Clearwater Renewable Resource Facility</b> <b>Description:</b> Design and construct well fields and recharge basins that will be capable of recharging 60,000 acre-feet per year. This project includes the development of a recovery well field. This project was formerly known as the Central Avra Valley Storage and Recharge Project (CAVSARP).  <b>Justification:</b> This facility will reduce central well field pumping and minimize land subsidence, while maximizing use of the system's existing infrastructure.									<b>Project ID:</b> W093 <b>Start Date:</b> 1/96 <b>End Date:</b> 6/04 <b>Location:</b> City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 Water Revenue Bond Funds	34,678.2	-	-	-	-	-	-	-	-	-	34,678.2
2000 Water Revenue Bond Funds	31,330.3	2,270.0	-	2,270.0	-	-	-	-	2,270.0	-	33,600.3
Central Arizona Project Reserve Fund	5,402.7	-	-	-	-	-	-	-	-	-	5,402.7
Tucson Water Revenue and Operations Fund	6,715.2	-	-	-	-	-	-	-	-	-	6,715.2
<b>Total</b>	78,126.4	2,270.0	-	2,270.0	-	-	-	-	2,270.0	-	80,396.4

<b>South Avra Valley Storage &amp; Recovery Project</b> <b>Description:</b> Conduct field assessments and a pilot study to assist in developing a facility to recharge and recover another 30,000 acre-feet per year of Central Arizona Project (CAP) water.  <b>Justification:</b> This project, in combination with the Clearwater Renewable Resource Facility, will provide for the development of additional potable water and meet Tucson Water's customers potable demands with a renewable water supply.									<b>Project ID:</b> W439 <b>Start Date:</b> 7/03 <b>End Date:</b> 6/06 <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	-	-	255.0	255.0	460.0	-	-	-	715.0	-	715.0
Unfunded	-	-	-	-	-	600.0	-	-	600.0	-	600.0
<b>Total</b>	-	-	255.0	255.0	460.0	600.0	-	-	1,315.0	-	1,315.0

## Tucson Water - Potable Storage

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>22nd Street Reservoir Modifications (Liner)</b>											
Unfunded	-	-	-	-	-	352.0	-	-	352.0	-	352.0
	-	-	-	-	-	352.0	-	-	352.0	-	352.0
<b>22nd Street Reservoir Modifications (Vault)</b>											
2000 Water Revenue Bond Funds	127.3	90.0	-	90.0	-	-	-	-	90.0	-	217.3
Tucson Water Revenue and Operations Fund	-1.4	-	-	-	-	-	-	-	-	-	-1.4
	125.9	90.0	-	90.0	-	-	-	-	90.0	-	215.9
<b>Diamond Bell F Zone Reservoir</b>											
2000 Water Revenue Bond Funds	20.0	-	120.0	120.0	-	-	-	-	120.0	-	140.0
	20.0	-	120.0	120.0	-	-	-	-	120.0	-	140.0
<b>Diamond Bell I Zone Reservoir and Booster</b>											
1994 Water Revenue Bond Funds	15.0	-	-	-	-	-	-	-	-	-	15.0
2000 Water Revenue Bond Funds	12.1	-	17.0	17.0	-	-	-	-	17.0	-	29.1
Unfunded	-	-	-	-	-	660.0	-	-	660.0	-	660.0
	27.1	-	17.0	17.0	-	660.0	-	-	677.0	-	704.1
<b>Disinfection System Upgrades</b>											
2000 Water Revenue Bond Funds	-	-	600.0	600.0	-	-	-	-	600.0	-	600.0
Tucson Water Revenue and Operations Fund	-	-	270.0	270.0	470.0	-	-	-	740.0	-	740.0
Unfunded	-	-	-	-	-	330.0	120.0	120.0	570.0	600.0	1,170.0
	-	-	870.0	870.0	470.0	330.0	120.0	120.0	1,910.0	600.0	2,510.0
<b>Murphy Reservoir Piping Modifications</b>											
2000 Water Revenue Bond Funds	50.0	-	500.0	500.0	-	-	-	-	500.0	-	550.0
	50.0	-	500.0	500.0	-	-	-	-	500.0	-	550.0
<b>Peppertree Ranch Y Zone Reservoir</b>											
Tucson Water Revenue and Operations Fund	-	-	-	-	-	250.0	250.0	-	500.0	-	500.0
Unfunded	-	-	-	-	-	-	-	3,400.0	3,400.0	-	3,400.0
	-	-	-	-	-	250.0	250.0	3,400.0	3,900.0	-	3,900.0

## Tucson Water - Potable Storage

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Plant 9 Storage Tank Project</b>											
2000 Water Revenue Bond Funds	1,588.7	-	220.0	220.0	-	-	-	-	220.0	-	1,808.7
Tucson Water Revenue and Operations Fund	6.9	-	-	-	-	-	-	-	-	-	6.9
	<b>1,595.5</b>	-	<b>220.0</b>	<b>220.0</b>	-	-	-	-	<b>220.0</b>	-	<b>1,815.5</b>
<b>Potable Storage - Future</b>											
2000 Water Revenue Bond Funds	-	-	55.0	55.0	300.0	-	-	-	355.0	-	355.0
Unfunded	-	-	-	-	-	1,000.0	2,000.0	1,000.0	4,000.0	10,000.0	14,000.0
	-	-	<b>55.0</b>	<b>55.0</b>	<b>300.0</b>	<b>1,000.0</b>	<b>2,000.0</b>	<b>1,000.0</b>	<b>4,355.0</b>	<b>10,000.0</b>	<b>14,355.0</b>
<b>Reservoir Roof Replacements</b>											
2000 Water Revenue Bond Funds	-	-	-	-	204.0	-	-	-	204.0	-	204.0
Tucson Water Revenue and Operations Fund	-	-	204.0	204.0	-	-	-	-	204.0	-	204.0
Unfunded	-	-	-	-	-	204.0	204.0	204.0	612.0	1,020.0	1,632.0
	-	-	<b>204.0</b>	<b>204.0</b>	<b>204.0</b>	<b>204.0</b>	<b>204.0</b>	<b>204.0</b>	<b>1,020.0</b>	<b>1,020.0</b>	<b>2,040.0</b>
<b>South Avra Valley Storage and Booster</b>											
Unfunded	-	-	-	-	-	-	-	1,000.0	1,000.0	-	1,000.0
	-	-	-	-	-	-	-	<b>1,000.0</b>	<b>1,000.0</b>	-	<b>1,000.0</b>
<b>Southeast Area F Zone Storage</b>											
Unfunded	-	-	-	-	-	-	-	50.0	50.0	4,500.0	4,550.0
	-	-	-	-	-	-	-	<b>50.0</b>	<b>50.0</b>	<b>4,500.0</b>	<b>4,550.0</b>
<b>Southeast C Zone Reservoir</b>											
2000 Water Revenue Bond Funds	-	-	16.0	16.0	500.0	-	-	-	516.0	-	516.0
Unfunded	-	-	-	-	-	-	-	400.0	400.0	5,500.0	5,900.0
	-	-	<b>16.0</b>	<b>16.0</b>	<b>500.0</b>	-	-	<b>400.0</b>	<b>916.0</b>	<b>5,500.0</b>	<b>6,416.0</b>
<b>Southeast E Zone Storage</b>											
2000 Water Revenue Bond Funds	-	-	500.0	500.0	-	-	-	-	500.0	-	500.0
Unfunded	-	-	-	-	-	2,000.0	2,000.0	-	4,000.0	-	4,000.0
	-	-	<b>500.0</b>	<b>500.0</b>	-	<b>2,000.0</b>	<b>2,000.0</b>	-	<b>4,500.0</b>	-	<b>4,500.0</b>

## Tucson Water - Potable Storage

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Southeast G Zone Reservoir</b>											
Unfunded	-	-	-	-	-	-	-	200.0	<b>200.0</b>	3,800.0	4,000.0
	-	-	-	-	-	-	-	<b>200.0</b>	<b>200.0</b>	<b>3,800.0</b>	<b>4,000.0</b>
<b>Westside C Zone Reservoir</b>											
Unfunded	-	-	-	-	-	-	-	115.0	<b>115.0</b>	1,080.0	1,195.0
	-	-	-	-	-	-	-	<b>115.0</b>	<b>115.0</b>	<b>1,080.0</b>	<b>1,195.0</b>
<b>Wilmot D Zone Reservoir and Booster</b>											
1994 Water Revenue Bond Funds	235.9	-	-	-	-	-	-	-	-	-	235.9
2000 Water Revenue Bond Funds	4,441.3	-	782.0	<b>782.0</b>	-	-	-	-	<b>782.0</b>	-	5,223.3
Tucson Water Revenue and Operations Fund	11.6	-	-	-	-	-	-	-	-	-	11.6
	<b>4,688.8</b>	-	<b>782.0</b>	<b>782.0</b>	-	-	-	-	<b>782.0</b>	-	<b>5,470.8</b>
<b>Program Area Total</b>	<b>6,507.4</b>	<b>90.0</b>	<b>3,284.0</b>	<b>3,374.0</b>	<b>1,474.0</b>	<b>4,796.0</b>	<b>4,574.0</b>	<b>6,489.0</b>	<b>20,707.0</b>	<b>26,500.0</b>	<b>53,714.4</b>
<b>Source of Funds Summary</b>											
1994 Water Revenue Bond Funds	250.9	-	-	-	-	-	-	-	-	-	250.9
2000 Water Revenue Bond Funds	6,239.3	90.0	2,810.0	<b>2,900.0</b>	1,004.0	-	-	-	<b>3,904.0</b>	-	10,143.3
Tucson Water Revenue and Operations Fund	17.1	-	474.0	<b>474.0</b>	470.0	250.0	250.0	-	<b>1,444.0</b>	-	1,461.1
Unfunded	-	-	-	-	-	4,546.0	4,324.0	6,489.0	<b>15,359.0</b>	26,500.0	41,859.0
<b>Program Area Total</b>	<b>6,507.4</b>	<b>90.0</b>	<b>3,284.0</b>	<b>3,374.0</b>	<b>1,474.0</b>	<b>4,796.0</b>	<b>4,574.0</b>	<b>6,489.0</b>	<b>20,707.0</b>	<b>26,500.0</b>	<b>53,714.4</b>



## Tucson Water - Potable Storage

(\$000)

<b>22nd Street Reservoir Modifications (Liner)</b>										<b>Project ID:</b> W197		
<b>Description:</b> Design and install a new liner.										<b>Start Date:</b> 7/05		
										<b>End Date:</b> 6/06		
										<b>Location:</b> Ward 5		
<b>Justification:</b> By Fiscal Year 2006, the existing liner will have reached its 25 year life expectancy and will need to be replaced to prevent reservoir leaks.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008				
Unfunded	-	-	-	-	-	352.0	-	-	352.0	-	352.0	
Total	-	-	-	-	-	352.0	-	-	352.0	-	352.0	

<b>22nd Street Reservoir Modifications (Vault)</b> <b>Description:</b> Complete the installation of new inflow and outflow piping, flowmeters, valving, and disinfection equipment.  <b>Justification:</b> This reservoir currently has only one inlet and outlet pipe. The modifications will provide for proper circulation of stored water and ensure water quality.										<b>Project ID:</b> W359 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/04  <b>Location:</b> Ward 5		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
2000 Water Revenue Bond Funds	127.3	90.0	-	90.0	-	-	-	-	90.0	-	217.3	
Tucson Water Revenue and Operations Fund	(1.4)	-	-	-	-	-	-	-	-	-	(1.4)	
<b>Total</b>	125.9	90.0	-	90.0	-	-	-	-	90.0	-	215.9	

## Tucson Water - Potable Storage

(S000)

<b>Diamond Bell F Zone Reservoir</b> <b>Description:</b> Install a 150,000 gallon storage tank at the Diamond Bell #1 isolated system site.  <b>Justification:</b> This storage facility will provide gravity flow and fire protection to the new residential area in the F Zone near Well E-30.									<b>Project ID:</b> W388 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/04  <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	20.0	-	120.0	120.0	-	-	-	-	120.0	-	140.0
<b>Total</b>	20.0	-	120.0	120.0	-	-	-	-	120.0	-	140.0

<b>Diamond Bell I Zone Reservoir and Booster</b> <b>Description:</b> Design and construct a 200,000 gallon storage tank and booster station at Diamond Bell Ranch, approximately six miles south of Ajo Highway and Sasabe Road.  <b>Justification:</b> These improvements are needed to supplement the production and storage capabilities of Well F-2, which is currently the sole source of water supply for the Diamond Bell F-5, G-5, and I-5 isolated system service areas.									<b>Project ID:</b> W224 <b>Start Date:</b> 7/99 <b>End Date:</b> 6/06  <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 Water Revenue Bond Funds	15.0	-	-	-	-	-	-	-	-	-	15.0
2000 Water Revenue Bond Funds	12.1	-	17.0	17.0	-	-	-	-	17.0	-	29.1
Unfunded	-	-	-	-	-	660.0	-	-	660.0	-	660.0
<b>Total</b>	27.1	-	17.0	17.0	-	660.0	-	-	677.0	-	704.1

## Tucson Water - Potable Storage

(\$000)

<b>Disinfection System Upgrades</b> <b>Description:</b> Modify or replace disinfection equipment at reservoirs and wells.  <b>Justification:</b> As disinfection equipment becomes deteriorated or obsolete, it must be replaced to ensure operational reliability.									<b>Project ID:</b> W221 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	-	-	600.0	600.0	-	-	-	-	600.0	-	600.0
Tucson Water Revenue and Operations Fund	-	-	270.0	270.0	470.0	-	-	-	740.0	-	740.0
Unfunded	-	-	-	-	-	330.0	120.0	120.0	570.0	600.0	1,170.0
<b>Total</b>	-	-	870.0	870.0	470.0	330.0	120.0	120.0	1,910.0	600.0	2,510.0

<b>Murphy Reservoir Piping Modifications</b> <b>Description:</b> Install new inflow and outflow piping, concrete vaults, flowmeters, valving, and control and electrical equipment.  <b>Justification:</b> These modifications will provide for the proper circulation of stored water.									<b>Project ID:</b> W333 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/04  <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	50.0	-	500.0	500.0	-	-	-	-	500.0	-	550.0
<b>Total</b>	50.0	-	500.0	500.0	-	-	-	-	500.0	-	550.0

## Tucson Water - Potable Storage

(S000)

<b>Peppertree Ranch Y Zone Reservoir</b>										<b>Project ID:</b> W226		
<b>Description:</b> Design and construct a Y Zone Reservoir in the Continental Ranch area. The size of the reservoir will be determined based on hydraulic modeling and site location availability.										<b>Start Date:</b> 7/05		
										<b>End Date:</b> 6/08		
										<b>Location:</b> County		
<b>Justification:</b> This new reservoir will resolve continual pressure problems, providing adequate fireflow and domestic supply to this rapidly growing area. (Fireflow is the amount of water capacity required by the fire code.)												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008				
Tucson Water Revenue and Operations Fund	-	-	-	-	-	250.0	250.0	-	500.0	-	500.0	
Unfunded	-	-	-	-	-	-	-	3,400.0	3,400.0	-	3,400.0	
Total	-	-	-	-	-	250.0	250.0	3,400.0	3,900.0	-	3,900.0	

<b>Plant 9 Storage Tank Project</b>										<b>Project ID:</b> W376		
<b>Description:</b> Construct a new storage tank, including plant piping and electrical control equipment, to supplement the capacity of the existing storage tank.										<b>Start Date:</b> 7/01		
										<b>End Date:</b> 6/04		
										<b>Location:</b> County		
<b>Justification:</b> This project will provide an additional 900 gallons of storage capacity, which will improve the water production of fourteen wells and seven boosters.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008				
2000 Water Revenue Bond Funds	1,588.7	-	220.0	220.0	-	-	-	-	220.0	-	1,808.7	
Tucson Water Revenue and Operations Fund	6.9	-	-	-	-	-	-	-	-	-	6.9	
Total	1,595.5	-	220.0	220.0	-	-	-	-	220.0	-	1,815.5	

## Tucson Water - Potable Storage

(\$000)

<b>Potable Storage - Future</b>									<b>Project ID:</b> WB99		
<b>Description:</b> Budget capacity for anticipated, but not yet specifically identified projects. Projects will be determined as part of Tucson Water's ongoing capital planning process, which takes a comprehensive look at system needs in all program areas.									<b>Start Date:</b> Annual		
									<b>End Date:</b> Annual		
									<b>Location:</b> City and County		
<b>Justification:</b> Identified projects will provide design improvements to storage facilities for operational reliability, provide adequate water volume and pressure for fire protection service, and reduce the need to develop additional supplies to meet summer peak demand requirements.											
		<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 Water Revenue Bond Funds	-	-	55.0	55.0	300.0	-	-	-	355.0	-	355.0
Unfunded	-	-	-	-	-	1,000.0	2,000.0	1,000.0	4,000.0	10,000.0	14,000.0
<b>Total</b>	-	-	55.0	55.0	300.0	1,000.0	2,000.0	1,000.0	4,355.0	10,000.0	14,355.0

<b>Reservoir Roof Replacements</b>									<b>Project ID:</b> W996		
<b>Description:</b> Inspect, design, and construct wall and roof modifications.									<b>Start Date:</b> Annual		
									<b>End Date:</b> Annual		
									<b>Location:</b> City and County		
<b>Justification:</b> These modifications will ensure that reservoirs are secure and sealed from the elements.											
		<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 Water Revenue Bond Funds	-	-	-	-	204.0	-	-	-	204.0	-	204.0
Tucson Water Revenue and Operations Fund	-	-	204.0	204.0	-	-	-	-	204.0	-	204.0
Unfunded	-	-	-	-	-	204.0	204.0	204.0	612.0	1,020.0	1,632.0
<b>Total</b>	-	-	204.0	204.0	204.0	204.0	204.0	204.0	1,020.0	1,020.0	2,040.0



## Tucson Water - Potable Storage

(\$000)

### Southeast C Zone Reservoir

**Description:**

Design and construct a 6 million gallon reservoir and a 25 million gallons per day booster. Future expansion capacity to a 15 million gallon reservoir is included in the project. This project is part of the Southeast Area Plan.

**Justification:**

This reservoir will provide system reliability and manage peak demands in the Southeast C Zone.

**Project ID:** W409

**Start Date:** 7/03

**End Date:** 6/10

**Location:** County

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	-	-	16.0	16.0	500.0	-	-	-	516.0	-	516.0
Unfunded	-	-	-	-	-	-	-	400.0	400.0	5,500.0	5,900.0
<b>Total</b>	-	-	16.0	16.0	500.0	-	-	400.0	916.0	5,500.0	6,416.0

### Southeast E Zone Storage

**Description:**

Design and construct a reservoir in the E Zone, parallel to Interstate 10. This project is included in the Southeast Area Plan.

**Justification:**

This project provides additional storage capacity to meet future water demand.

**Project ID:** W340

**Start Date:** 7/03

**End Date:** 6/07

**Location:** Ward 4

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	-	-	500.0	500.0	-	-	-	-	500.0	-	500.0
Unfunded	-	-	-	-	-	2,000.0	2,000.0	-	4,000.0	-	4,000.0
<b>Total</b>	-	-	500.0	500.0	-	2,000.0	2,000.0	-	4,500.0	-	4,500.0

## Tucson Water - Potable Storage

(\$000)

<b>Southeast G Zone Reservoir</b> <b>Description:</b> Design and construct a 5 million gallon reservoir.  <b>Justification:</b> This reservoir will upgrade the storage capacity for the Southeast G Zone service area.									<b>Project ID:</b> W260 <b>Start Date:</b> 7/07 <b>End Date:</b> 6/10  <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	200.0	200.0	3,800.0	4,000.0
<b>Total</b>	-	-	-	-	-	-	-	200.0	200.0	3,800.0	4,000.0

<b>Westside C Zone Reservoir</b> <b>Description:</b> Design and construct a 500,000 gallon reservoir to serve the El Camino del Cerro C Zone area. The facility will be located near the intersection of Camino del Cerro and Sunset Road.  <b>Justification:</b> This gravity storage project will improve system reliability.									<b>Project ID:</b> W293 <b>Start Date:</b> 7/08 <b>End Date:</b> 6/11  <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	115.0	115.0	1,080.0	1,195.0
<b>Total</b>	-	-	-	-	-	-	-	115.0	115.0	1,080.0	1,195.0



## Tucson Water - Potable Storage

(\$000)

<b>Wilmot D Zone Reservoir and Booster</b> <b>Description:</b> Construct a 5 million gallon reservoir and a 10 million gallon per day booster station. The facility will be located near the intersection of Swan Road and Hermans Road. It is part of the Southeast Area Plan.  <b>Justification:</b> This reservoir and booster station will provide for gravity flow and fire protection in the vicinity of the airport, additional water supply for southeast area customers, and operational efficiencies.									<b>Project ID:</b> W196 <b>Start Date:</b> 7/98 <b>End Date:</b> 6/04 <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 Water Revenue Bond Funds	235.9	-	-	-	-	-	-	-	-	-	235.9
2000 Water Revenue Bond Funds	4,441.3	-	782.0	782.0	-	-	-	-	782.0	-	5,223.3
Tucson Water Revenue and Operations Fund	11.6	-	-	-	-	-	-	-	-	-	11.6
<b>Total</b>	4,688.8	-	782.0	782.0	-	-	-	-	782.0	-	5,470.8

## Tucson Water - Potable Pumping Plant

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Anklam A-B Zone Booster Station</b>											
2000 Water Revenue Bond Funds	80.0	250.0	-	250.0	-	-	-	-	250.0	-	330.0
	<b>80.0</b>	<b>250.0</b>	-	<b>250.0</b>	-	-	-	-	<b>250.0</b>	-	<b>330.0</b>
<b>Anklam B-C Zone Booster Station Modifications</b>											
Unfunded	-	-	-	-	-	300.0	-	-	300.0	-	300.0
	-	-	-	-	-	300.0	-	-	300.0	-	300.0
<b>Clearwell Pressure Regulating Valve Stations</b>											
2000 Water Revenue Bond Funds	149.8	-	400.0	400.0	-	-	-	-	400.0	-	549.8
Tucson Water Revenue and Operations Fund	0.2	-	-	-	-	-	-	-	-	-	0.2
Unfunded	-	-	-	-	-	400.0	400.0	-	800.0	800.0	1,600.0
	<b>150.0</b>	-	<b>400.0</b>	<b>400.0</b>	-	<b>400.0</b>	<b>400.0</b>	-	<b>1,200.0</b>	<b>800.0</b>	<b>2,150.0</b>
<b>Diamond Bell G-I Zone Booster Modifications</b>											
1994 Water Revenue Bond Funds	30.0	-	-	-	-	-	-	-	-	-	30.0
2000 Water Revenue Bond Funds	1.7	-	20.0	20.0	-	-	-	-	20.0	-	21.7
Unfunded	-	-	-	-	-	170.0	-	-	170.0	-	170.0
	<b>31.7</b>	-	<b>20.0</b>	<b>20.0</b>	-	<b>170.0</b>	-	-	<b>190.0</b>	-	<b>221.7</b>
<b>Fireflow Booster Upgrades</b>											
2000 Water Revenue Bond Funds	-	-	50.0	50.0	25.0	-	-	-	75.0	-	75.0
Unfunded	-	-	-	-	-	50.0	25.0	50.0	125.0	175.0	300.0
	-	-	<b>50.0</b>	<b>50.0</b>	<b>25.0</b>	<b>50.0</b>	<b>25.0</b>	<b>50.0</b>	<b>200.0</b>	<b>175.0</b>	<b>375.0</b>
<b>Houghton I-K Booster Upgrade, Phase II</b>											
2000 Water Revenue Bond Funds	-	-	-	-	25.0	-	-	-	25.0	-	25.0
Unfunded	-	-	-	-	-	318.0	-	-	318.0	-	318.0
	-	-	-	-	<b>25.0</b>	<b>318.0</b>	-	-	<b>343.0</b>	-	<b>343.0</b>

## Tucson Water - Potable Pumping Plant

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Hydroelectric Facilities</b>											
1984 Water Revenue Bond Funds	20.7	-	-	-	-	-	-	-	-	-	20.7
1994 Water Revenue Bond Funds	1.0	-	-	-	-	-	-	-	-	-	1.0
2000 Water Revenue Bond Funds	-	-	-	-	150.0	-	-	-	150.0	-	150.0
Tucson Water Revenue and Operations Fund	2.4	-	-	-	-	-	-	-	-	-	2.4
Unfunded	-	-	-	-	-	-	-	1,000.0	1,000.0	4,050.0	5,050.0
	<b>24.1</b>	-	-	-	<b>150.0</b>	-	-	<b>1,000.0</b>	<b>1,150.0</b>	<b>4,050.0</b>	<b>5,224.1</b>
<b>I-1 Well and Booster Modifications</b>											
1994 Water Revenue Bond Funds	22.9	-	-	-	-	-	-	-	-	-	22.9
2000 Water Revenue Bond Funds	-	-	-	-	25.0	-	-	-	25.0	-	25.0
Tucson Water Revenue and Operations Fund	6.7	-	-	-	-	-	-	-	-	-	6.7
Unfunded	-	-	-	-	-	25.0	200.0	-	225.0	-	225.0
	<b>29.6</b>	-	-	-	<b>25.0</b>	<b>25.0</b>	<b>200.0</b>	-	<b>250.0</b>	-	<b>279.6</b>
<b>Ironwood Hills A-B Booster Station Modifications</b>											
2000 Water Revenue Bond Funds	140.0	160.0	-	160.0	-	-	-	-	160.0	-	300.0
	<b>140.0</b>	<b>160.0</b>	-	<b>160.0</b>	-	-	-	-	<b>160.0</b>	-	<b>300.0</b>
<b>Las Palomas B-C Booster Station Modifications</b>											
2000 Water Revenue Bond Funds	53.6	-	364.0	364.0	-	-	-	-	364.0	-	417.6
	<b>53.6</b>	-	<b>364.0</b>	<b>364.0</b>	-	-	-	-	<b>364.0</b>	-	<b>417.6</b>
<b>Mark Road Booster Station Modifications</b>											
2000 Water Revenue Bond Funds	20.0	-	200.0	200.0	-	-	-	-	200.0	-	220.0
	<b>20.0</b>	-	<b>200.0</b>	<b>200.0</b>	-	-	-	-	<b>200.0</b>	-	<b>220.0</b>
<b>Potable Pumping Plant - Future</b>											
Tucson Water Revenue and Operations Fund	-	-	55.0	55.0	300.0	1,200.0	-	-	1,555.0	-	1,555.0
Unfunded	-	-	-	-	-	-	1,400.0	1,200.0	2,600.0	7,700.0	10,300.0
	-	-	<b>55.0</b>	<b>55.0</b>	<b>300.0</b>	<b>1,200.0</b>	<b>1,400.0</b>	<b>1,200.0</b>	<b>4,155.0</b>	<b>7,700.0</b>	<b>11,855.0</b>

## Tucson Water - Potable Pumping Plant

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Pressure Regulating Valve Stations Modifications</b>											
1994 Water Revenue Bond Funds	21.5	-	-	-	-	-	-	-	-	-	21.5
2000 Water Revenue Bond Funds	305.3	-	100.0	<b>100.0</b>	-	-	-	-	<b>100.0</b>	-	405.3
Tucson Water Revenue and Operations Fund	31.9	-	-	-	-	-	-	-	-	-	31.9
	<b>358.7</b>	-	<b>100.0</b>	<b>100.0</b>	-	-	-	-	<b>100.0</b>	-	<b>458.7</b>
<b>Pumping Facility Modifications</b>											
2000 Water Revenue Bond Funds	-	-	85.0	<b>85.0</b>	300.0	-	-	-	<b>385.0</b>	-	385.0
Tucson Water Revenue and Operations Fund	-	-	215.0	<b>215.0</b>	-	-	-	-	<b>215.0</b>	-	215.0
Unfunded	-	-	-	-	-	300.0	300.0	300.0	<b>900.0</b>	1,500.0	2,400.0
	-	-	<b>300.0</b>	<b>300.0</b>	<b>300.0</b>	<b>300.0</b>	<b>300.0</b>	<b>300.0</b>	<b>1,500.0</b>	<b>1,500.0</b>	<b>3,000.0</b>
<b>Speedway B-C Zone Booster Station Modifications</b>											
2000 Water Revenue Bond Funds	40.0	80.0	-	<b>80.0</b>	-	-	-	-	<b>80.0</b>	-	120.0
	<b>40.0</b>	<b>80.0</b>	-	<b>80.0</b>	-	-	-	-	<b>80.0</b>	-	<b>120.0</b>
<b>Variable Speed Boosters</b>											
2000 Water Revenue Bond Funds	106.7	-	80.0	<b>80.0</b>	-	-	-	-	<b>80.0</b>	-	186.7
	<b>106.7</b>	-	<b>80.0</b>	<b>80.0</b>	-	-	-	-	<b>80.0</b>	-	<b>186.7</b>
<b>Program Area Total</b>	<b>1,034.3</b>	<b>490.0</b>	<b>1,569.0</b>	<b>2,059.0</b>	<b>825.0</b>	<b>2,763.0</b>	<b>2,325.0</b>	<b>2,550.0</b>	<b>10,522.0</b>	<b>14,225.0</b>	<b>25,781.3</b>
<b>Source of Funds Summary</b>											
1984 Water Revenue Bond Funds	20.7	-	-	-	-	-	-	-	-	-	20.7
1994 Water Revenue Bond Funds	75.4	-	-	-	-	-	-	-	-	-	75.4
2000 Water Revenue Bond Funds	897.0	490.0	1,299.0	<b>1,789.0</b>	525.0	-	-	-	<b>2,314.0</b>	-	3,211.0
Tucson Water Revenue and Operations Fund	41.2	-	270.0	<b>270.0</b>	300.0	1,200.0	-	-	<b>1,770.0</b>	-	1,811.2
Unfunded	-	-	-	-	-	1,563.0	2,325.0	2,550.0	<b>6,438.0</b>	14,225.0	20,663.0
<b>Program Area Total</b>	<b>1,034.3</b>	<b>490.0</b>	<b>1,569.0</b>	<b>2,059.0</b>	<b>825.0</b>	<b>2,763.0</b>	<b>2,325.0</b>	<b>2,550.0</b>	<b>10,522.0</b>	<b>14,225.0</b>	<b>25,781.3</b>

## Tucson Water - Potable Pumping Plant

(\$000)

<b>Anklam A-B Zone Booster Station</b> <b>Description:</b> Design and construct a permanent A-B Zone Booster Station.  <b>Justification:</b> The new booster station will replace the existing temporary facility.									<b>Project ID:</b> W389 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/04 <b>Location:</b> Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	80.0	250.0	-	250.0	-	-	-	-	250.0	-	330.0
<b>Total</b>	80.0	250.0	-	250.0	-	-	-	-	250.0	-	330.0

<b>Anklam B-C Zone Booster Station Modifications</b> <b>Description:</b> Design and construct modifications to replace the existing booster equipment, which is located at the southwest corner of Greasewood and Anklam.  <b>Justification:</b> These upgrades will ensure that peak demands and fireflow are met. (Fireflow is the amount of water capacity required by the fire code.)									<b>Project ID:</b> W390 <b>Start Date:</b> 7/05 <b>End Date:</b> 6/06 <b>Location:</b> Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	300.0	-	-	300.0	-	300.0
<b>Total</b>	-	-	-	-	-	300.0	-	-	300.0	-	300.0

## Tucson Water - Potable Pumping Plant

(\$000)

### Clearwell Pressure Regulating Valve Stations

**Description:**

Design and construct six pressure regulating valve stations, as required, on westside transmission mains.

**Project ID:** W347

**Start Date:** 7/01

**End Date:** 6/09

**Location:** City and County

**Justification:**

These pressure regulating valves are needed to deliver water from the Clearwell Reservoir to various service areas.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	149.8	-	400.0	400.0	-	-	-	-	400.0	-	549.8
Tucson Water Revenue and Operations Fund	0.2	-	-	-	-	-	-	-	-	-	0.2
Unfunded	-	-	-	-	-	400.0	400.0	-	800.0	800.0	1,600.0
<b>Total</b>	150.0	-	400.0	400.0	-	400.0	400.0	-	1,200.0	800.0	2,150.0

### Diamond Bell G-I Zone Booster Modifications

**Description:**

Design and construct modifications to upgrade the existing booster equipment. A new forebay storage will also be installed.

**Project ID:** W229

**Start Date:** 7/99

**End Date:** 6/06

**Location:** County

**Justification:**

These modifications are needed to ensure reliability of the system in this remote service area.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 Water Revenue Bond Funds	30.0	-	-	-	-	-	-	-	-	-	30.0
2000 Water Revenue Bond Funds	1.7	-	20.0	20.0	-	-	-	-	20.0	-	21.7
Unfunded	-	-	-	-	-	170.0	-	-	170.0	-	170.0
<b>Total</b>	31.7	-	20.0	20.0	-	170.0	-	-	190.0	-	221.7

## Tucson Water - Potable Pumping Plant

(\$000)

<b>Fireflow Booster Upgrades</b> <b>Description:</b> Design and install fireflow pumps, and upgrade piping and other equipment at various booster stations located inside the city limits.  <b>Justification:</b> These upgrades are needed to provide adequate fireflow capacity. (Fireflow is the amount of water capacity required by the fire code.)									<b>Project ID:</b> W234 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> Citywide		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 Water Revenue Bond Funds	-	-	50.0	50.0	25.0	-	-	-	75.0	-	75.0
Unfunded	-	-	-	-	-	50.0	25.0	50.0	125.0	175.0	300.0
Total	-	-	50.0	50.0	25.0	50.0	25.0	50.0	200.0	175.0	375.0

<b>Houghton I-K Booster Upgrade, Phase II</b> <b>Description:</b> Design and install new plant piping, booster pumps, hydrotanks, electric control equipment, isolation valves, flowmeters, and flex couplings.  <b>Justification:</b> These upgrades are needed to meet peak demand and fireflow needs of this growing service area. (Fireflow is the amount of water capacity required by the fire code.)									<b>Project ID:</b> W432 <b>Start Date:</b> 7/04 <b>End Date:</b> 6/06  <b>Location:</b> County		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 Water Revenue Bond Funds	-	-	-	-	25.0	-	-	-	25.0	-	25.0
Unfunded	-	-	-	-	-	318.0	-	-	318.0	-	318.0
Total	-	-	-	-	25.0	318.0	-	-	343.0	-	343.0

## Tucson Water - Potable Pumping Plant

(\$000)

<b>Hydroelectric Facilities</b> <b>Description:</b> Install hydroelectric generators at selected locations. The electrical energy recovered through these generators will be used to offset system power costs.  <b>Justification:</b> This project offers an opportunity to recover an otherwise lost resource in an environmentally responsible manner.										<b>Project ID:</b> W664 <b>Start Date:</b> 7/92 <b>End Date:</b> 6/12  <b>Location:</b> Citywide		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1984 Water Revenue Bond Funds	20.7	-	-	-	-	-	-	-	-	-	20.7
1994 Water Revenue Bond Funds	1.0	-	-	-	-	-	-	-	-	-	1.0
2000 Water Revenue Bond Funds	-	-	-	-	150.0	-	-	-	150.0	-	150.0
Tucson Water Revenue and Operations Fund	2.4	-	-	-	-	-	-	-	-	-	2.4
Unfunded	-	-	-	-	-	-	-	1,000.0	1,000.0	4,050.0	5,050.0
<b>Total</b>	24.1	-	-	-	150.0	-	-	1,000.0	1,150.0	4,050.0	5,224.1

<b>I-1 Well and Booster Modifications</b> <b>Description:</b> Design and construct modifications that will upgrade electrical equipment, pumps, instrumentation, piping, and safety features.  <b>Justification:</b> These modifications will improve well and booster station operation and increase production capacity.										<b>Project ID:</b> W158 <b>Start Date:</b> 7/04 <b>End Date:</b> 6/07  <b>Location:</b> County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 Water Revenue Bond Funds	22.9	-	-	-	-	-	-	-	-	-	22.9
2000 Water Revenue Bond Funds	-	-	-	-	25.0	-	-	-	25.0	-	25.0
Tucson Water Revenue and Operations Fund	6.7	-	-	-	-	-	-	-	-	-	6.7
Unfunded	-	-	-	-	-	25.0	200.0	-	225.0	-	225.0
<b>Total</b>	29.6	-	-	-	25.0	25.0	200.0	-	250.0	-	279.6



## Tucson Water - Potable Pumping Plant

(\$000)

<b>Ironwood Hills A-B Booster Station Modifications</b> <b>Description:</b> Design and construct modifications that will replace the existing booster equipment.  <b>Justification:</b> The existing equipment is obsolete and inefficient. These modifications will increase the booster's ability to pump water to a higher elevation reservoir.									<b>Project ID:</b> W396 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/04  <b>Location:</b> Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	140.0	160.0	-	160.0	-	-	-	-	160.0	-	300.0
<b>Total</b>	140.0	160.0	-	160.0	-	-	-	-	160.0	-	300.0

<b>Las Palomas B-C Booster Station Modifications</b> <b>Description:</b> Relocate the existing booster station, and upgrade its equipment.  <b>Justification:</b> This relocation is needed to reduce potential for site flooding. The equipment upgrade will ensure operational efficiency.									<b>Project ID:</b> W391 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/04  <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	53.6	-	364.0	364.0	-	-	-	-	364.0	-	417.6
<b>Total</b>	53.6	-	364.0	364.0	-	-	-	-	364.0	-	417.6

## Tucson Water - Potable Pumping Plant

(\$000)

<b>Mark Road Booster Station Modifications</b> <b>Description:</b> Relocate the existing booster, and upgrade its equipment.  <b>Justification:</b> The relocation is needed to reduce the potential for site flooding. The equipment upgrades will ensure operational efficiency.									<b>Project ID:</b> W392 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/04  <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	20.0	-	200.0	200.0	-	-	-	-	200.0	-	220.0
<b>Total</b>	20.0	-	200.0	200.0	-	-	-	-	200.0	-	220.0

<b>Potable Pumping Plant - Future</b> <b>Description:</b> Budget capacity for anticipated, but not yet specifically identified projects. Projects will be determined as part of Tucson Water's ongoing capital planning process, which takes a comprehensive look at system needs.  <b>Justification:</b> Identified projects will design and construct facilities to improve reliability and meet system demands.									<b>Project ID:</b> WC99 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Tucson Water Revenue and Operations Fund	-	-	55.0	55.0	300.0	1,200.0	-	-	1,555.0	-	1,555.0
Unfunded	-	-	-	-	-	-	1,400.0	1,200.0	2,600.0	7,700.0	10,300.0
<b>Total</b>	-	-	55.0	55.0	300.0	1,200.0	1,400.0	1,200.0	4,155.0	7,700.0	11,855.0

## Tucson Water - Potable Pumping Plant

(\$000)

<b>Pressure Regulating Valve Stations Modifications</b> <b>Description:</b> Design and construct pressure regulating stations throughout the water system.  <b>Justification:</b> These modifications are needed to standardize stations and to upgrade undersized or substandard stations.									<b>Project ID:</b> W298 <b>Start Date:</b> 7/99 <b>End Date:</b> 6/04  <b>Location:</b> City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 Water Revenue Bond Funds	21.5	-	-	-	-	-	-	-	-	-	21.5
2000 Water Revenue Bond Funds	305.3	-	100.0	100.0	-	-	-	-	100.0	-	405.3
Tucson Water Revenue and Operations Fund	31.9	-	-	-	-	-	-	-	-	-	31.9
<b>Total</b>	358.7	-	100.0	100.0	-	-	-	-	100.0	-	458.7

<b>Pumping Facility Modifications</b> <b>Description:</b> Modify existing production facilities, including the installation of new flow meters and upsizing pumps.  <b>Justification:</b> These modifications are needed to ensure that system flows are monitored and logged to improve pump efficiency, reliability, and capacity.									<b>Project ID:</b> W254 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	-	-	85.0	85.0	300.0	-	-	-	385.0	-	385.0
Tucson Water Revenue and Operations Fund	-	-	215.0	215.0	-	-	-	-	215.0	-	215.0
Unfunded	-	-	-	-	-	300.0	300.0	300.0	900.0	1,500.0	2,400.0
<b>Total</b>	-	-	300.0	300.0	300.0	300.0	300.0	300.0	1,500.0	1,500.0	3,000.0

## Tucson Water - Potable Pumping Plant

(\$000)

<b>Speedway B-C Zone Booster Station Modifications</b> <b>Description:</b> Design and construct modifications that will upgrade the existing booster station equipment.  <b>Justification:</b> These modifications are needed to assure that peak demands and fireflow needs are met. (Fireflow is the amount of water capacity required by the fire code.)									<b>Project ID:</b> W379 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/04 <b>Location:</b> Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	40.0	80.0	-	80.0	-	-	-	-	80.0	-	120.0
<b>Total</b>	40.0	80.0	-	80.0	-	-	-	-	80.0	-	120.0

<b>Variable Speed Boosters</b> <b>Description:</b> Design and install variable speed motors and pumps at various sites. The pumps will be controlled by system pressure.  <b>Justification:</b> Installing variable speed motors will increase pumping efficiency.									<b>Project ID:</b> W377 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/04 <b>Location:</b> City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	106.7	-	80.0	80.0	-	-	-	-	80.0	-	186.7
<b>Total</b>	106.7	-	80.0	80.0	-	-	-	-	80.0	-	186.7

## Tucson Water - Potable Transmission

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Alvernon/Grant B Zone Transmission Main</b>											
2000 Water Revenue Bond Funds	669.8	180.0	500.0	<b>680.0</b>	-	-	-	-	<b>680.0</b>	-	1,349.8
	<b>669.8</b>	<b>180.0</b>	<b>500.0</b>	<b>680.0</b>	-	-	-	-	<b>680.0</b>	-	<b>1,349.8</b>
<b>Avra Valley Transmission Main Augmentation</b>											
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	590.0	2,650.0	<b>3,240.0</b>	-	3,240.0
Unfunded	-	-	-	-	-	225.0	-	-	<b>225.0</b>	7,450.0	7,675.0
	-	-	-	-	-	<b>225.0</b>	<b>590.0</b>	<b>2,650.0</b>	<b>3,465.0</b>	<b>7,450.0</b>	<b>10,915.0</b>
<b>Avra Valley Transmission Main, Phase I</b>											
2000 Water Revenue Bond Funds	-	-	35.0	<b>35.0</b>	820.0	-	-	-	<b>855.0</b>	-	855.0
Tucson Water Revenue and Operations Fund	-	-	-	-	-	430.0	178.0	-	<b>608.0</b>	-	608.0
Unfunded	-	-	-	-	-	615.0	5,812.0	-	<b>6,427.0</b>	-	6,427.0
	-	-	<b>35.0</b>	<b>35.0</b>	<b>820.0</b>	<b>1,045.0</b>	<b>5,990.0</b>	-	<b>7,890.0</b>	-	<b>7,890.0</b>
<b>Cathodic Corrosion Protection Installation</b>											
2000 Water Revenue Bond Funds	200.0	-	250.0	<b>250.0</b>	250.0	-	-	-	<b>500.0</b>	-	700.0
Unfunded	-	-	-	-	-	250.0	250.0	250.0	<b>750.0</b>	2,500.0	3,250.0
	<b>200.0</b>	-	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	<b>1,250.0</b>	<b>2,500.0</b>	<b>3,950.0</b>
<b>Christie Drive F Zone Transmission Main</b>											
2000 Water Revenue Bond Funds	-	-	-	-	11.0	-	-	-	<b>11.0</b>	-	11.0
Unfunded	-	-	-	-	-	165.0	-	-	<b>165.0</b>	-	165.0
	-	-	-	-	<b>11.0</b>	<b>165.0</b>	-	-	<b>176.0</b>	-	<b>176.0</b>
<b>Corrosion Evaluation and Repair</b>											
2000 Water Revenue Bond Funds	-	-	99.0	<b>99.0</b>	250.0	-	-	-	<b>349.0</b>	-	349.0
Tucson Water Revenue and Operations Fund	-	-	151.0	<b>151.0</b>	-	-	-	-	<b>151.0</b>	-	151.0
Unfunded	-	-	-	-	-	250.0	250.0	250.0	<b>750.0</b>	2,500.0	3,250.0
	-	-	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	<b>1,250.0</b>	<b>2,500.0</b>	<b>3,750.0</b>
<b>Diamond Bell I Zone Transmission Main</b>											
2000 Water Revenue Bond Funds	11.0	-	11.0	<b>11.0</b>	323.0	-	-	-	<b>334.0</b>	-	345.0
	<b>11.0</b>	-	<b>11.0</b>	<b>11.0</b>	<b>323.0</b>	-	-	-	<b>334.0</b>	-	<b>345.0</b>

## Tucson Water - Potable Transmission

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Diamond Bell J Zone Transmission Main</b>											
2000 Water Revenue Bond Funds	8.0	-	7.0	7.0	85.0	-	-	-	92.0	-	100.0
	<b>8.0</b>	-	<b>7.0</b>	<b>7.0</b>	<b>85.0</b>	-	-	-	<b>92.0</b>	-	<b>100.0</b>
<b>Excavated Corrosion Investigation</b>											
2000 Water Revenue Bond Funds	19.8	-	125.0	125.0	-	-	-	-	125.0	-	144.8
	<b>19.8</b>	-	<b>125.0</b>	<b>125.0</b>	-	-	-	-	<b>125.0</b>	-	<b>144.8</b>
<b>Old Nogales Highway Transmission Main</b>											
2000 Water Revenue Bond Funds	1,328.9	-	2,058.0	2,058.0	-	-	-	-	2,058.0	-	3,386.9
Tucson Water Revenue and Operations Fund	-	-	2,600.0	2,600.0	-	-	-	-	2,600.0	-	2,600.0
	<b>1,328.9</b>	-	<b>4,658.0</b>	<b>4,658.0</b>	-	-	-	-	<b>4,658.0</b>	-	<b>5,986.9</b>
<b>Plumer/Broadway B Zone Transmission Main</b>											
2000 Water Revenue Bond Funds	848.0	-	500.0	500.0	-	-	-	-	500.0	-	1,348.0
	<b>848.0</b>	-	<b>500.0</b>	<b>500.0</b>	-	-	-	-	<b>500.0</b>	-	<b>1,348.0</b>
<b>SAVSARP Recovered Transmission Main</b>											
Unfunded	-	-	-	-	-	-	-	-	-	6,530.0	6,530.0
	-	-	-	-	-	-	-	-	-	<b>6,530.0</b>	<b>6,530.0</b>
<b>Santa Rita Bel Aire Transmission Main</b>											
2000 Water Revenue Bond Funds	-	-	-	-	200.0	-	-	-	200.0	-	200.0
Unfunded	-	-	-	-	-	500.0	-	-	500.0	-	500.0
	-	-	-	-	<b>200.0</b>	<b>500.0</b>	-	-	<b>700.0</b>	-	<b>700.0</b>
<b>Southeast C Zone Transmission Main</b>											
Unfunded	-	-	-	-	-	-	-	400.0	400.0	3,157.0	3,557.0
	-	-	-	-	-	-	-	<b>400.0</b>	<b>400.0</b>	<b>3,157.0</b>	<b>3,557.0</b>
<b>Southeast E Zone Transmission Main</b>											
2000 Water Revenue Bond Funds	4.4	-	150.0	150.0	650.0	-	-	-	800.0	-	804.4
Unfunded	-	-	-	-	-	2,500.0	-	-	2,500.0	-	2,500.0
	<b>4.4</b>	-	<b>150.0</b>	<b>150.0</b>	<b>650.0</b>	<b>2,500.0</b>	-	-	<b>3,300.0</b>	-	<b>3,304.4</b>

## Tucson Water - Potable Transmission

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Southeast F Zone Transmission Main</b>											
Unfunded	-	-	-	-	-	-	-	300.0	<b>300.0</b>	3,000.0	3,300.0
	-	-	-	-	-	-	-	<b>300.0</b>	<b>300.0</b>	<b>3,000.0</b>	<b>3,300.0</b>
<b>Southside Gravity Main Replacement</b>											
2000 Water Revenue Bond Funds	100.0	-	450.0	<b>450.0</b>	-	-	-	-	<b>450.0</b>	-	550.0
	<b>100.0</b>	-	<b>450.0</b>	<b>450.0</b>	-	-	-	-	<b>450.0</b>	-	<b>550.0</b>
<b>Southwest C Zone Transmission Main</b>											
2000 Water Revenue Bond Funds	50.0	-	450.0	<b>450.0</b>	-	-	-	-	<b>450.0</b>	-	500.0
	<b>50.0</b>	-	<b>450.0</b>	<b>450.0</b>	-	-	-	-	<b>450.0</b>	-	<b>500.0</b>
<b>Spencer Avenue Transmission Main</b>											
2000 Water Revenue Bond Funds	-	-	-	-	212.0	-	-	-	<b>212.0</b>	-	212.0
Unfunded	-	-	-	-	2,733.0	2,800.0	-	-	<b>5,533.0</b>	-	5,533.0
	-	-	-	-	<b>2,945.0</b>	<b>2,800.0</b>	-	-	<b>5,745.0</b>	-	<b>5,745.0</b>
<b>Transmission Main Projects - Future</b>											
2000 Water Revenue Bond Funds	-	-	500.0	<b>500.0</b>	1,000.0	-	-	-	<b>1,500.0</b>	-	1,500.0
Unfunded	-	-	-	-	-	1,000.0	2,000.0	2,000.0	<b>5,000.0</b>	17,000.0	22,000.0
	-	-	<b>500.0</b>	<b>500.0</b>	<b>1,000.0</b>	<b>1,000.0</b>	<b>2,000.0</b>	<b>2,000.0</b>	<b>6,500.0</b>	<b>17,000.0</b>	<b>23,500.0</b>
<b>Upgrade Corrosion Test Stations</b>											
2000 Water Revenue Bond Funds	20.0	-	20.0	<b>20.0</b>	20.0	-	-	-	<b>40.0</b>	-	60.0
Unfunded	-	-	-	-	-	20.0	20.0	-	<b>40.0</b>	-	40.0
	<b>20.0</b>	-	<b>20.0</b>	<b>20.0</b>	<b>20.0</b>	<b>20.0</b>	<b>20.0</b>	-	<b>80.0</b>	-	<b>100.0</b>
<b>Well AV-26 Discharge Transmission Main</b>											
2000 Water Revenue Bond Funds	10.0	-	160.0	<b>160.0</b>	-	-	-	-	<b>160.0</b>	-	170.0
	<b>10.0</b>	-	<b>160.0</b>	<b>160.0</b>	-	-	-	-	<b>160.0</b>	-	<b>170.0</b>

## Tucson Water - Potable Transmission

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Westside C Zone Reservoir Transmission Main</b>											
Unfunded	-	-	-	-	-	-	-	50.0	<b>50.0</b>	500.0	550.0
	-	-	-	-	-	-	-	<b>50.0</b>	<b>50.0</b>	<b>500.0</b>	<b>550.0</b>
<b>Program Area Total</b>	<b>3,269.9</b>	<b>180.0</b>	<b>8,066.0</b>	<b>8,246.0</b>	<b>6,554.0</b>	<b>8,755.0</b>	<b>9,100.0</b>	<b>5,900.0</b>	<b>38,555.0</b>	<b>42,637.0</b>	<b>84,461.9</b>
<b>Source of Funds Summary</b>											
2000 Water Revenue Bond Funds	3,269.9	180.0	5,315.0	<b>5,495.0</b>	3,821.0	-	-	-	<b>9,316.0</b>	-	12,585.9
Tucson Water Revenue and Operations Fund	-	-	2,751.0	<b>2,751.0</b>	-	430.0	768.0	2,650.0	<b>6,599.0</b>	-	6,599.0
Unfunded	-	-	-	-	2,733.0	8,325.0	8,332.0	3,250.0	<b>22,640.0</b>	42,637.0	65,277.0
<b>Program Area Total</b>	<b>3,269.9</b>	<b>180.0</b>	<b>8,066.0</b>	<b>8,246.0</b>	<b>6,554.0</b>	<b>8,755.0</b>	<b>9,100.0</b>	<b>5,900.0</b>	<b>38,555.0</b>	<b>42,637.0</b>	<b>84,461.9</b>



## Tucson Water - Potable Transmission

(\$000)

<b>Alvernon/Grant B Zone Transmission Main</b> <b>Description:</b> Design and install approximately 8,400 feet of new 24-inch transmission main from Speedway Boulevard/Sycamore Boulevard, north to Flower Street, and on to Swan Road/San Carlos Place.  <b>Justification:</b> This new transmission main will provide adequate water pressure to the northeast portion of the central B Zone and will transport water from the Avra Valley well field to reduce central system pumpage.									<b>Project ID:</b> W328 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/04  <b>Location:</b> Wards 3 and 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	669.8	180.0	500.0	680.0	-	-	-	-	680.0	-	1,349.8
<b>Total</b>	669.8	180.0	500.0	680.0	-	-	-	-	680.0	-	1,349.8

<b>Avra Valley Transmission Main Augmentation</b> <b>Description:</b> Design and construct eight miles of 66-inch backup transmission main.  <b>Justification:</b> This backup transmission main will ensure reliable conveyance of Clearwater and Avra Valley well field water to the central system at Martin Reservoir.									<b>Project ID:</b> W410 <b>Start Date:</b> 7/05 <b>End Date:</b> 6/09  <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	590.0	2,650.0	3,240.0	-	3,240.0
Unfunded	-	-	-	-	-	225.0	-	-	225.0	7,450.0	7,675.0
<b>Total</b>	-	-	-	-	-	225.0	590.0	2,650.0	3,465.0	7,450.0	10,915.0





## Tucson Water - Potable Transmission

(S000)

<b>Diamond Bell I Zone Transmission Main</b> <b>Description:</b> Design and install approximately 7,000 feet of 12-inch transmission main from the Diamond Bell booster site to the Diamond Bell I Zone reservoir, which is located six miles south of Ajo Highway and Sasabe Road.  <b>Justification:</b> This main will improve this isolated distribution system's efficiency and reliability.									<b>Project ID:</b> W315 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/05 <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	11.0	-	11.0	11.0	323.0	-	-	-	334.0	-	345.0
<b>Total</b>	11.0	-	11.0	11.0	323.0	-	-	-	334.0	-	345.0

<b>Diamond Bell J Zone Transmission Main</b> <b>Description:</b> Design and install approximately 3,500 feet of 8-inch transmission main to connect the Diamond Bell I-J booster station, located at Sasabe Road and Diamond Bell Ranch Road, to the Diamond Bell distribution system.  <b>Justification:</b> This project will convey water from a new well to the distribution system.									<b>Project ID:</b> W335 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/05 <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	8.0	-	7.0	7.0	85.0	-	-	-	92.0	-	100.0
<b>Total</b>	8.0	-	7.0	7.0	85.0	-	-	-	92.0	-	100.0

## Tucson Water - Potable Transmission

(\$000)

<b>Excavated Corrosion Investigation</b> <b>Description:</b> Excavate, inspect, and take corrosion readings along the potable and reclaimed transmission main systems. Modification, replacement, or mitigation of corrosion will be done as needed.  <b>Justification:</b> Corrosion investigation and modification is needed to ensure system reliability.									<b>Project ID:</b> W317 <b>Start Date:</b> 7/00 <b>End Date:</b> 6/04  <b>Location:</b> City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	19.8	-	125.0	125.0	-	-	-	-	125.0	-	144.8
<b>Total</b>	19.8	-	125.0	125.0	-	-	-	-	125.0	-	144.8

<b>Old Nogales Highway Transmission Main</b> <b>Description:</b> Install approximately 42,500 feet of 36-inch transmission main along the Old Nogales Highway between Medina Road and Lumber Street.  <b>Justification:</b> The existing abandoned main will be slip-lined to replace the deteriorating active main, which will then serve as a redundant main in the system.									<b>Project ID:</b> W357 <b>Start Date:</b> 11/00 <b>End Date:</b> 6/04  <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	1,328.9	-	2,058.0	2,058.0	-	-	-	-	2,058.0	-	3,386.9
Tucson Water Revenue and Operations Fund	-	-	2,600.0	2,600.0	-	-	-	-	2,600.0	-	2,600.0
<b>Total</b>	1,328.9	-	4,658.0	4,658.0	-	-	-	-	4,658.0	-	5,986.9

## Tucson Water - Potable Transmission

(S000)

<b>Plumer/Broadway B Zone Transmission Main</b> <b>Description:</b> Complete the installation of approximately 9,200 feet of new 24-inch main at Plumer Avenue from 22nd Street to 3rd Street.  <b>Justification:</b> This main will provide adequate water flow and service to the central portion of the central B Zone and transport water from the Clearwell Reservoir, which will decrease pumpage in the central well field.									<b>Project ID:</b> W326 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/04  <b>Location:</b> Wards 5 and 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	848.0	-	500.0	500.0	-	-	-	-	500.0	-	1,348.0
<b>Total</b>	848.0	-	500.0	500.0	-	-	-	-	500.0	-	1,348.0

<b>Santa Rita Bel Aire Transmission Main</b> <b>Description:</b> Install approximately 19,800 feet of 12-inch main from the end of an existing 16-inch main, located near the intersection of Harrison Road and Pima Mine Road, to the Houghton Road Storage Tank, which is located just north of Sahuarita Road.  <b>Justification:</b> This project will provide the additional capacity needed to serve a growing area.									<b>Project ID:</b> W337 <b>Start Date:</b> 7/04 <b>End Date:</b> 6/06  <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	-	-	-	-	200.0	-	-	-	200.0	-	200.0
Unfunded	-	-	-	-	-	500.0	-	-	500.0	-	500.0
<b>Total</b>	-	-	-	-	200.0	500.0	-	-	700.0	-	700.0

## Tucson Water - Potable Transmission

(\$000)

<b>SAVSARP Recovered Transmission Main</b> <b>Description:</b> Design and install approximately 21,000 feet of 48-inch transmission main in Avra Valley. (SAVSARP is the acronym for the South Avra Valley Storage and Recovery Project.)  <b>Justification:</b> The pipeline will convey recharged Central Arizona Project (CAP) water and Avra Valley groundwater to the Clearwater Renewable Resource Facility for blending with its recovered water.									<b>Project ID:</b> W444 <b>Start Date:</b> 7/08 <b>End Date:</b> 6/12 <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	-	-	6,530.0	6,530.0
<b>Total</b>	-	-	-	-	-	-	-	-	-	6,530.0	6,530.0

<b>Southeast C Zone Transmission Main</b> <b>Description:</b> Design and construct approximately 4 miles of 36-inch main from the intersection of Valencia Road to the location of the new Southeast C Zone reservoir at Swan Road and Hermans Road.  <b>Justification:</b> This main will enable the utility to more readily convey water from Technical Drive to the C Zone reservoirs.									<b>Project ID:</b> W408 <b>Start Date:</b> 7/07 <b>End Date:</b> 6/10 <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	400.0	400.0	3,157.0	3,557.0
<b>Total</b>	-	-	-	-	-	-	-	400.0	400.0	3,157.0	3,557.0

## Tucson Water - Potable Transmission

(\$000)

### Southeast E Zone Transmission Main

**Description:**

Design and install approximately 24,000 feet of 36-inch main to connect to a 24-inch cross at the southeast corner of Hermans and Wilmot Roads. The main will then follow Wilmot Road south for two miles and head east along Old Vail Road for another two miles before reaching the Southeast E Zone reservoir site.

**Justification:**

This project will ensure the delivery of water to future developments in the southeast section of Tucson.

**Project ID:** W321

**Start Date:** 7/02

**End Date:** 6/06

**Location:** County

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	4.4	-	150.0	150.0	650.0	-	-	-	800.0	-	804.4
Unfunded	-	-	-	-	-	2,500.0	-	-	2,500.0	-	2,500.0
<b>Total</b>	4.4	-	150.0	150.0	650.0	2,500.0	-	-	3,300.0	-	3,304.4

### Southeast F Zone Transmission Main

**Description:**

Design and construct approximately 15,840 feet of 24-inch transmission main to connect the southeast area F Zone reservoir to the F Zone, which is located in the area bounded by Rita Road on the west, Rocket Stravenue on the north, Harrison Road on the east, and Rocket Road on the south. This project is included in the Southeast Area Plan.

**Justification:**

This project will ensure the delivery of water to future developments in the southeast section of the city.

**Project ID:** W338

**Start Date:** 7/07

**End Date:** 6/10

**Location:** Ward 4

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	300.0	300.0	3,000.0	3,300.0
<b>Total</b>	-	-	-	-	-	-	-	300.0	300.0	3,000.0	3,300.0



## Tucson Water - Potable Transmission

(\$000)

<b>Southside Gravity Main Replacement</b> <b>Description:</b> Design and install approximately 5,000 linear feet of 30-inch and 24-inch replacement gravity main. The replacement gravity main alignments will parallel the existing main from just north of Ajo Way to south of Irvington Road.  <b>Justification:</b> Due to the age and condition of the main, this project should alleviate water quality concerns in the area.									<b>Project ID:</b> W433 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/04 <b>Location:</b> Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	100.0	-	450.0	450.0	-	-	-	-	450.0	-	550.0
<b>Total</b>	100.0	-	450.0	450.0	-	-	-	-	450.0	-	550.0

<b>Southwest C Zone Transmission Main</b> <b>Description:</b> Install one mile of 24-inch transmission main in the Spencer Avenue alignment from Valencia Road to Los Reales Road. This main will connect the Camino Rancho B-C Booster Station to the existing 24-inch C Zone main in Los Reales Road.  <b>Justification:</b> This main will provide an adequate supply of SouthAvra Valley groundwater that can be boosted up to the Clearwell Reservoir for blending with water recovered at the Clearwater Renewable Resource Facility.									<b>Project ID:</b> W380 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/04 <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	50.0	-	450.0	450.0	-	-	-	-	450.0	-	500.0
<b>Total</b>	50.0	-	450.0	450.0	-	-	-	-	450.0	-	500.0

## Tucson Water - Potable Transmission

(\$000)

<b>Spencer Avenue Transmission Main</b> <b>Description:</b> Design and install approximately 10,500 feet of 60-inch main on Valencia Road north to the Hayden-Udall Treatment Plant Forebay.									<b>Project ID:</b> W323 <b>Start Date:</b> 7/04 <b>End Date:</b> 6/06  <b>Location:</b> County		
<b>Justification:</b> This main will provide the capability of blending South Avra Valley groundwater with water recovered at the Clearwater Renewable Resource Facility.											
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 Water Revenue Bond Funds	-	-	-	-	212.0	-	-	-	212.0	-	212.0
Unfunded	-	-	-	-	2,733.0	2,800.0	-	-	5,533.0	-	5,533.0
<b>Total</b>	-	-	-	-	2,945.0	2,800.0	-	-	5,745.0	-	5,745.0

<b>Transmission Main Projects - Future</b> <b>Description:</b> Budget capacity for anticipated, but not yet specifically identified projects. Projects will be determined as part of Tucson Water's ongoing capital planning process, which takes a comprehensive look at system needs.									<b>Project ID:</b> WD99 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> City and County		
<b>Justification:</b> This project will ensure that the utility can meet future water demands.											
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 Water Revenue Bond Funds	-	-	500.0	500.0	1,000.0	-	-	-	1,500.0	-	1,500.0
Unfunded	-	-	-	-	-	1,000.0	2,000.0	2,000.0	5,000.0	17,000.0	22,000.0
<b>Total</b>	-	-	500.0	500.0	1,000.0	1,000.0	2,000.0	2,000.0	6,500.0	17,000.0	23,500.0

## Tucson Water - Potable Transmission

(\$000)

<b>Upgrade Corrosion Test Stations</b> <b>Description:</b> Upgrade and replace substandard transmission main corrosion test stations and rectifiers.  <b>Justification:</b> These upgrades will enhance the reliability of Tucson Water's Corrosion Monitoring Program, providing a means to better monitor and predict potential pipeline failures.									<b>Project ID:</b> W327 <b>Start Date:</b> 12/01 <b>End Date:</b> 6/07  <b>Location:</b> City and County		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 Water Revenue Bond Funds	20.0	-	20.0	20.0	20.0	-	-	-	40.0	-	60.0
Unfunded	-	-	-	-	-	20.0	20.0	-	40.0	-	40.0
<b>Total</b>	20.0	-	20.0	20.0	20.0	20.0	20.0	-	80.0	-	100.0

<b>Well AV-26 Discharge Transmission Main</b> <b>Description:</b> Install a transmission main along Snyder Hill Road to the existing collector main at Sandario Road, approximately 2,500 feet to the west. This project is included in the Southwest Area Plan.  <b>Justification:</b> This main will provide resource water to offset losses and productivity in other Avra Valley wells.									<b>Project ID:</b> W325 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/04  <b>Location:</b> County		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 Water Revenue Bond Funds	10.0	-	160.0	160.0	-	-	-	-	160.0	-	170.0
<b>Total</b>	10.0	-	160.0	160.0	-	-	-	-	160.0	-	170.0



## Tucson Water - Potable Distribution

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Chip Seal Main Replacements</b>											
Tucson Water Revenue and Operations Fund	-	-	25.0	25.0	25.0	25.0	25.0	25.0	125.0	-	125.0
Unfunded	-	-	-	-	-	-	-	-	-	125.0	125.0
	-	-	25.0	25.0	25.0	25.0	25.0	25.0	125.0	125.0	250.0
<b>Distribution Main Projects - Future</b>											
Tucson Water Revenue and Operations Fund	-	-	550.0	550.0	1,500.0	2,000.0	-	-	4,050.0	-	4,050.0
Unfunded	-	-	-	-	-	-	2,000.0	2,000.0	4,000.0	15,000.0	19,000.0
	-	-	550.0	550.0	1,500.0	2,000.0	2,000.0	2,000.0	8,050.0	15,000.0	23,050.0
<b>Emergency Main Replacement</b>											
2000 Water Revenue Bond Funds	-	230.0	100.0	330.0	100.0	-	-	-	430.0	-	430.0
Unfunded	-	-	-	-	-	100.0	100.0	100.0	300.0	1,000.0	1,300.0
	-	230.0	100.0	330.0	100.0	100.0	100.0	100.0	730.0	1,000.0	1,730.0
<b>Extensions for New Services</b>											
Tucson Water Revenue and Operations Fund	-	-	10.0	10.0	10.0	10.0	10.0	10.0	50.0	50.0	100.0
	-	-	10.0	10.0	10.0	10.0	10.0	10.0	50.0	50.0	100.0
<b>Midvale Farms Reimbursements</b>											
1984 Water Revenue Bond Funds	18.2	-	-	-	-	-	-	-	-	-	18.2
Tucson Water Revenue and Operations Fund	2,043.0	-	170.0	170.0	170.0	-	-	-	340.0	-	2,383.0
	2,061.2	-	170.0	170.0	170.0	-	-	-	340.0	-	2,401.2
<b>On-Call Valve Replacement Program</b>											
2000 Water Revenue Bond Funds	-	-	200.0	200.0	400.0	-	-	-	600.0	-	600.0
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	257.0	-	257.0	-	257.0
Unfunded	-	-	-	-	-	200.0	143.0	200.0	543.0	1,600.0	2,143.0
	-	-	200.0	200.0	400.0	200.0	400.0	200.0	1,400.0	1,600.0	3,000.0
<b>Payments to Developers for Oversized Systems</b>											
Tucson Water Revenue and Operations Fund	-	-	100.0	100.0	100.0	100.0	100.0	100.0	500.0	-	500.0
Unfunded	-	-	-	-	-	-	-	-	-	500.0	500.0
	-	-	100.0	100.0	100.0	100.0	100.0	100.0	500.0	500.0	1,000.0

## Tucson Water - Potable Distribution

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Peppertree Settlement</b>											
Tucson Water Revenue and Operations Fund	1,641.0	-	300.0	<b>300.0</b>	300.0	300.0	-	-	<b>900.0</b>	-	2,541.0
	<b>1,641.0</b>	-	<b>300.0</b>	<b>300.0</b>	<b>300.0</b>	<b>300.0</b>	-	-	<b>900.0</b>	-	<b>2,541.0</b>
<b>Quadrant Main Replacements</b>											
2000 Water Revenue Bond Funds	705.5	-	-	-	-	-	-	-	-	-	705.5
Tucson Water Revenue and Operations Fund	23.9	-	-	-	800.0	-	-	-	<b>800.0</b>	-	823.9
	<b>729.3</b>	-	-	-	<b>800.0</b>	-	-	-	<b>800.0</b>	-	<b>1,529.3</b>
<b>Review of Developer-Financed Potable Projects</b>											
Tucson Water Revenue and Operations Fund	-	-	850.0	<b>850.0</b>	850.0	850.0	850.0	850.0	<b>4,250.0</b>	4,250.0	8,500.0
	-	-	<b>850.0</b>	<b>850.0</b>	<b>850.0</b>	<b>850.0</b>	<b>850.0</b>	<b>850.0</b>	<b>4,250.0</b>	<b>4,250.0</b>	<b>8,500.0</b>
<b>Road Improvement Main Replacements</b>											
2000 Water Revenue Bond Funds	-	1,380.0	2,600.0	<b>3,980.0</b>	3,459.0	-	-	-	<b>7,439.0</b>	-	7,439.0
Tucson Water Revenue and Operations Fund	-	-	-	-	141.0	945.0	-	1,096.0	<b>2,182.0</b>	-	2,182.0
Unfunded	-	-	-	-	-	2,655.0	3,100.0	2,004.0	<b>7,759.0</b>	15,500.0	23,259.0
	-	<b>1,380.0</b>	<b>2,600.0</b>	<b>3,980.0</b>	<b>3,600.0</b>	<b>3,600.0</b>	<b>3,100.0</b>	<b>3,100.0</b>	<b>17,380.0</b>	<b>15,500.0</b>	<b>32,880.0</b>
<b>Routine Main Replacements</b>											
2000 Water Revenue Bond Funds	-	-	550.0	<b>550.0</b>	800.0	-	-	-	<b>1,350.0</b>	-	1,350.0
Unfunded	-	-	-	-	-	800.0	800.0	800.0	<b>2,400.0</b>	4,000.0	6,400.0
	-	-	<b>550.0</b>	<b>550.0</b>	<b>800.0</b>	<b>800.0</b>	<b>800.0</b>	<b>800.0</b>	<b>3,750.0</b>	<b>4,000.0</b>	<b>7,750.0</b>
<b>Shannon-Ironwood Hills Fire Protection</b>											
2000 Water Revenue Bond Funds	40.0	-	-	-	-	-	-	-	-	-	40.0
Tucson Water Revenue and Operations Fund	-	-	450.0	<b>450.0</b>	-	-	-	-	<b>450.0</b>	-	450.0
	<b>40.0</b>	-	<b>450.0</b>	<b>450.0</b>	-	-	-	-	<b>450.0</b>	-	<b>490.0</b>
<b>Skyline Country Club System Modifications</b>											
1994 Water Revenue Bond Funds	19.2	-	-	-	-	-	-	-	-	-	19.2
Tucson Water Revenue and Operations Fund	18.4	-	13.0	<b>13.0</b>	755.0	-	-	-	<b>768.0</b>	-	786.4
	<b>37.6</b>	-	<b>13.0</b>	<b>13.0</b>	<b>755.0</b>	-	-	-	<b>768.0</b>	-	<b>805.6</b>

## Tucson Water - Potable Distribution

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Taylor Lane System Improvements</b>											
2000 Water Revenue Bond Funds	10.0	-	158.0	<b>158.0</b>	-	-	-	-	<b>158.0</b>	-	168.0
	<b>10.0</b>	-	<b>158.0</b>	<b>158.0</b>	-	-	-	-	<b>158.0</b>	-	<b>168.0</b>
<b>Ventana Canyon Reimbursements</b>											
Tucson Water Revenue and Operations Fund	50.0	-	50.0	<b>50.0</b>	-	-	-	-	<b>50.0</b>	-	100.0
	<b>50.0</b>	-	<b>50.0</b>	<b>50.0</b>	-	-	-	-	<b>50.0</b>	-	<b>100.0</b>
<b>Program Area Total</b>	<b>4,569.0</b>	<b>1,610.0</b>	<b>6,126.0</b>	<b>7,736.0</b>	<b>9,410.0</b>	<b>7,985.0</b>	<b>7,385.0</b>	<b>7,185.0</b>	<b>39,701.0</b>	<b>42,025.0</b>	<b>86,295.0</b>

<b>Source of Funds Summary</b>											
1984 Water Revenue Bond Funds	18.2	-	-	-	-	-	-	-	-	-	18.2
1994 Water Revenue Bond Funds	19.2	-	-	-	-	-	-	-	-	-	19.2
2000 Water Revenue Bond Funds	755.5	1,610.0	3,608.0	<b>5,218.0</b>	4,759.0	-	-	-	<b>9,977.0</b>	-	10,732.5
Tucson Water Revenue and Operations Fund	3,776.2	-	2,518.0	<b>2,518.0</b>	4,651.0	4,230.0	1,242.0	2,081.0	<b>14,722.0</b>	4,300.0	22,798.2
Unfunded	-	-	-	-	-	3,755.0	6,143.0	5,104.0	<b>15,002.0</b>	37,725.0	52,727.0
<b>Program Area Total</b>	<b>4,569.0</b>	<b>1,610.0</b>	<b>6,126.0</b>	<b>7,736.0</b>	<b>9,410.0</b>	<b>7,985.0</b>	<b>7,385.0</b>	<b>7,185.0</b>	<b>39,701.0</b>	<b>42,025.0</b>	<b>86,295.0</b>

## Tucson Water - Potable Distribution

(\$000)

<b>Chip Seal Main Replacements</b> <b>Description:</b> Budget capacity for pavement chip sealing work that is a part of main replacement projects.  <b>Justification:</b> Chip sealing costs are centralized in this project, because it is more cost effective to bid a single contract rather than have separate contracts for individual projects.									<b>Project ID:</b> W139 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> Citywide		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
Tucson Water Revenue and Operations Fund	-	-	25.0	25.0	25.0	25.0	25.0	25.0	125.0	-	125.0
Unfunded	-	-	-	-	-	-	-	-	-	125.0	125.0
<b>Total</b>	-	-	25.0	25.0	25.0	25.0	25.0	25.0	125.0	125.0	250.0

<b>Distribution Main Projects - Future</b> <b>Description:</b> Budget capacity for anticipated, but not yet specifically identified projects. Projects will be determined as part of Tucson Water's ongoing capital planning process, which takes a comprehensive look at system needs.  <b>Justification:</b> These projects will ensure that the system can meet peak requirements during the summer months.									<b>Project ID:</b> WDD9 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> City and County		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
Tucson Water Revenue and Operations Fund	-	-	550.0	550.0	1,500.0	2,000.0	-	-	4,050.0	-	4,050.0
Unfunded	-	-	-	-	-	-	2,000.0	2,000.0	4,000.0	15,000.0	19,000.0
<b>Total</b>	-	-	550.0	550.0	1,500.0	2,000.0	2,000.0	2,000.0	8,050.0	15,000.0	23,050.0



## Tucson Water - Potable Distribution

(\$000)

<b>Emergency Main Replacement</b> <b>Description:</b> Install approximately 3,000 feet of 2-inch, 4-inch, and 6-inch mains on an as-needed, emergency basis.  <b>Justification:</b> Immediate response to requests for emergency main replacements is required to reduce water loss, improve system reliability, and maintain water quality.									<b>Project ID:</b> W186 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> City and County		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 Water Revenue Bond Funds	-	230.0	100.0	330.0	100.0	-	-	-	430.0	-	430.0
Unfunded	-	-	-	-	-	100.0	100.0	100.0	300.0	1,000.0	1,300.0
Total	-	230.0	100.0	330.0	100.0	100.0	100.0	100.0	730.0	1,000.0	1,730.0

<b>Extensions for New Services</b> <b>Description:</b> Design and install extensions from the distribution system as requested by customers. Associated costs are reimbursed by the customer.  <b>Justification:</b> Extensions allow Tucson Water to install (or upgrade piping in order to install) new services in an expedient manner. This project ensures that piping is suitable in strength and durability, and available to connect to the distribution system.									<b>Project ID:</b> W107 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> City and County		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
Tucson Water Revenue and Operations Fund	-	-	10.0	10.0	10.0	10.0	10.0	10.0	50.0	50.0	100.0
Total	-	-	10.0	10.0	10.0	10.0	10.0	10.0	50.0	50.0	100.0

## Tucson Water - Potable Distribution

(\$000)

<b>Midvale Farms Reimbursements</b> <b>Description:</b> Reimburse developers for the installation of water systems under the Midvale Farms Agreement.  <b>Justification:</b> Tucson Water must comply with its contractual agreement with the developers of Midvale Park subdivision.									<b>Project ID:</b> W532 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/05  <b>Location:</b> Ward 1		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
1984 Water Revenue Bond Funds	18.2	-	-	-	-	-	-	-	-	-	18.2
Tucson Water Revenue and Operations Fund	2,043.0	-	170.0	170.0	170.0	-	-	-	340.0	-	2,383.0
<b>Total</b>	2,061.2	-	170.0	170.0	170.0	-	-	-	340.0	-	2,401.2

<b>On-Call Valve Replacement Program</b> <b>Description:</b> Upgrade and replace broken water valves.  <b>Justification:</b> This replacement program reduces the number of unplanned water interruptions to customers, improves water quality, and contributes to system reliability.									<b>Project ID:</b> W283 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> City and County		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 Water Revenue Bond Funds	-	-	200.0	200.0	400.0	-	-	-	600.0	-	600.0
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	257.0	-	257.0	-	257.0
Unfunded	-	-	-	-	-	200.0	143.0	200.0	543.0	1,600.0	2,143.0
<b>Total</b>	-	-	200.0	200.0	400.0	200.0	400.0	200.0	1,400.0	1,600.0	3,000.0

## Tucson Water - Potable Distribution

(\$000)

<b>Payments to Developers for Oversized Systems</b>									<b>Project ID:</b> W108		
<b>Description:</b> Reimburse developers for the cost of oversizing water system components when Tucson Water requests a capacity greater than needed by the development.									<b>Start Date:</b> Annual		
									<b>End Date:</b> Annual		
									<b>Location:</b> City and County		
<b>Justification:</b> Oversizing is sometimes required to supply future projected demands consistent with Tucson Water's long range planning and to avoid expensive replacement by Tucson Water in the future.											
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
Tucson Water Revenue and Operations Fund	-	-	100.0	100.0	100.0	100.0	100.0	100.0	500.0	-	500.0
Unfunded	-	-	-	-	-	-	-	-	-	500.0	500.0
<b>Total</b>	-	-	100.0	100.0	100.0	100.0	100.0	100.0	500.0	500.0	1,000.0

<b>Peppertree Settlement</b>									<b>Project ID:</b> W285		
<b>Description:</b> Budget capacity for settlements negotiated between Tucson Water and property owners within the Peppertree area.									<b>Start Date:</b> 7/99		
									<b>End Date:</b> 6/06		
									<b>Location:</b> County		
<b>Justification:</b> Tucson Water must comply with its contractual agreement with the developers of Peppertree (i.e., Continental Ranch) subdivision.											
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
Tucson Water Revenue and Operations Fund	1,641.0	-	300.0	300.0	300.0	300.0	-	-	900.0	-	2,541.0
<b>Total</b>	1,641.0	-	300.0	300.0	300.0	300.0	-	-	900.0	-	2,541.0

## Tucson Water - Potable Distribution

(\$000)

<b>Quadrant Main Replacements</b> <b>Description:</b> Replace deteriorating galvanized steel piping that could not previously be replaced due to pavement moratoriums or lack of easements.  <b>Justification:</b> This project will improve water quality, operating efficiency, and system reliability.									<b>Project ID:</b> W346 <b>Start Date:</b> 7/00 <b>End Date:</b> 6/05  <b>Location:</b> City and County		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 Water Revenue Bond Funds	705.5	-	-	-	-	-	-	-	-	-	705.5
Tucson Water Revenue and Operations Fund	23.9	-	-	-	800.0	-	-	-	800.0	-	823.9
<b>Total</b>	729.3	-	-	-	800.0	-	-	-	800.0	-	1,529.3

<b>Review of Developer-Financed Potable Projects</b> <b>Description:</b> Conduct plan reviews and construction inspection of developer-financed water system infrastructure projects. These systems are donated to Tucson Water upon completion. Associated costs are recovered by fees.  <b>Justification:</b> The review of developer-financed water systems ensures that the projects comply with Tucson Water requirements.									<b>Project ID:</b> W109 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> Citywide		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
Tucson Water Revenue and Operations Fund	-	-	850.0	850.0	850.0	850.0	850.0	850.0	4,250.0	4,250.0	8,500.0
<b>Total</b>	-	-	850.0	850.0	850.0	850.0	850.0	850.0	4,250.0	4,250.0	8,500.0

## Tucson Water - Potable Distribution

(\$000)

<b>Road Improvement Main Replacements</b>									<b>Project ID:</b> W111		
<b>Description:</b> Install main replacements during road improvement projects initiated by the city, county, and state.									<b>Start Date:</b> Annual		
									<b>End Date:</b> Annual		
									<b>Location:</b> Citywide		
<b>Justification:</b> Replacing water mains during roadway projects allows Tucson Water to increase system capacity while saving money on the cost of pavement removal and replacement.											
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 Water Revenue Bond Funds	-	1,380.0	2,600.0	3,980.0	3,459.0	-	-	-	7,439.0	-	7,439.0
Tucson Water Revenue and Operations Fund	-	-	-	-	141.0	945.0	-	1,096.0	2,182.0	-	2,182.0
Unfunded	-	-	-	-	-	2,655.0	3,100.0	2,004.0	7,759.0	15,500.0	23,259.0
<b>Total</b>	-	1,380.0	2,600.0	3,980.0	3,600.0	3,600.0	3,100.0	3,100.0	17,380.0	15,500.0	32,880.0

<b>Routine Main Replacements</b>									<b>Project ID:</b> W252		
<b>Description:</b> Design and construct previously unidentified minor main replacements.									<b>Start Date:</b> Annual		
									<b>End Date:</b> Annual		
									<b>Location:</b> City and County		
<b>Justification:</b> These main replacements improve service to water customers.											
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 Water Revenue Bond Funds	-	-	550.0	550.0	800.0	-	-	-	1,350.0	-	1,350.0
Unfunded	-	-	-	-	-	800.0	800.0	800.0	2,400.0	4,000.0	6,400.0
<b>Total</b>	-	-	550.0	550.0	800.0	800.0	800.0	800.0	3,750.0	4,000.0	7,750.0

## Tucson Water - Potable Distribution

(S000)

<b>Shannon-Ironwood Hills Fire Protection</b>									<b>Project ID:</b> W401		
<b>Description:</b> Design and install larger diameter piping and five fire hydrants to replace the current system.									<b>Start Date:</b> 7/02		
									<b>End Date:</b> 6/04		
									<b>Location:</b> Ward 1		
<b>Justification:</b> Increasing the diameter of the piping will allow for the placement of five more fire hydrants, improving fire protection without affecting water pressure to the neighborhood.											
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 Water Revenue Bond Funds	40.0	-	-	-	-	-	-	-	-	-	40.0
Tucson Water Revenue and Operations Fund	-	-	450.0	450.0	-	-	-	-	450.0	-	450.0
<b>Total</b>	40.0	-	450.0	450.0	-	-	-	-	450.0	-	490.0

<b>Skyline Country Club System Modifications</b>									<b>Project ID:</b> W188		
<b>Description:</b> Design and install approximately 9,800 feet of 8-inch and 12-inch pipe in the vicinity of Skyline Country Club, located at the northeast corner of Swan and Skyline Roads.									<b>Start Date:</b> 7/97		
									<b>End Date:</b> 6/05		
									<b>Location:</b> County		
<b>Justification:</b> These modifications will standardize water pressure, improve booster station operation, and improve reliability in the service area.											
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
1994 Water Revenue Bond Funds	19.2	-	-	-	-	-	-	-	-	-	19.2
Tucson Water Revenue and Operations Fund	18.4	-	13.0	13.0	755.0	-	-	-	768.0	-	786.4
<b>Total</b>	37.6	-	13.0	13.0	755.0	-	-	-	768.0	-	805.6

## Tucson Water - Potable Distribution

(\$000)

<b>Taylor Lane System Improvements</b> <b>Description:</b> Install approximately 6,800 feet of 6-inch distribution main.  <b>Justification:</b> This project will improve operating efficiency and reliability to an already over-extended system.									<b>Project ID:</b> W429 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/04  <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	10.0	-	158.0	158.0	-	-	-	-	158.0	-	168.0
<b>Total</b>	10.0	-	158.0	158.0	-	-	-	-	158.0	-	168.0

<b>Ventana Canyon Reimbursements</b> <b>Description:</b> Provides reimbursement to developers for the installation of water systems under the Ventana Canyon Agreement. The project area is now at full build-out, making Fiscal Year 2004 the final year for these reimbursements.  <b>Justification:</b> Tucson Water must comply with its contractual agreement with the developers of the Ventana Canyon subdivision.									<b>Project ID:</b> W533 <b>Start Date:</b> 10/90 <b>End Date:</b> 6/04  <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Tucson Water Revenue and Operations Fund	50.0	-	50.0	50.0	-	-	-	-	50.0	-	100.0
<b>Total</b>	50.0	-	50.0	50.0	-	-	-	-	50.0	-	100.0

## Tucson Water - Potable New Services

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Fire Services</b>											
Tucson Water Revenue and Operations Fund	-	-	1,000.0	<b>1,000.0</b>	1,000.0	1,000.0	1,000.0	1,000.0	<b>5,000.0</b>	5,000.0	10,000.0
	-	-	<b>1,000.0</b>	<b>1,000.0</b>	<b>1,000.0</b>	<b>1,000.0</b>	<b>1,000.0</b>	<b>1,000.0</b>	<b>5,000.0</b>	<b>5,000.0</b>	<b>10,000.0</b>
<b>Water Services</b>											
Tucson Water Revenue and Operations Fund	-	-	1,210.0	<b>1,210.0</b>	1,210.0	1,210.0	1,210.0	1,210.0	<b>6,050.0</b>	6,050.0	12,100.0
	-	-	<b>1,210.0</b>	<b>1,210.0</b>	<b>1,210.0</b>	<b>1,210.0</b>	<b>1,210.0</b>	<b>1,210.0</b>	<b>6,050.0</b>	<b>6,050.0</b>	<b>12,100.0</b>
<b>Program Area Total</b>	-	-	<b>2,210.0</b>	<b>2,210.0</b>	<b>2,210.0</b>	<b>2,210.0</b>	<b>2,210.0</b>	<b>2,210.0</b>	<b>11,050.0</b>	<b>11,050.0</b>	<b>22,100.0</b>
<b>Source of Funds Summary</b>											
Tucson Water Revenue and Operations Fund	-	-	2,210.0	<b>2,210.0</b>	2,210.0	2,210.0	2,210.0	2,210.0	<b>11,050.0</b>	11,050.0	22,100.0
<b>Program Area Total</b>	-	-	<b>2,210.0</b>	<b>2,210.0</b>	<b>2,210.0</b>	<b>2,210.0</b>	<b>2,210.0</b>	<b>2,210.0</b>	<b>11,050.0</b>	<b>11,050.0</b>	<b>22,100.0</b>



## Tucson Water - Potable New Services

(\$000)

<b>Fire Services</b> <b>Description:</b> Design and install fire hydrants and service connections upon customer request and payment of connection fees.  <b>Justification:</b> This project is required to provide for the installation of new fire hydrants.									<b>Project ID:</b> W124 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Tucson Water Revenue and Operations Fund	-	-	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	5,000.0	5,000.0	10,000.0
<b>Total</b>	-	-	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	5,000.0	5,000.0	10,000.0

<b>Water Services</b> <b>Description:</b> Install new metered water services upon customer request and payment of connection fees. These water services include minor main connections, extensions to new services, and minor production facility upgrades.  <b>Justification:</b> This project is required to provide for the installation of new metered services to customers upon request.									<b>Project ID:</b> W114 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Tucson Water Revenue and Operations Fund	-	-	1,210.0	1,210.0	1,210.0	1,210.0	1,210.0	1,210.0	6,050.0	6,050.0	12,100.0
<b>Total</b>	-	-	1,210.0	1,210.0	1,210.0	1,210.0	1,210.0	1,210.0	6,050.0	6,050.0	12,100.0

## Tucson Water - Potable General Plant

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Facility Improvements - Future</b>											
Tucson Water Revenue and Operations Fund	-	-	18.0	<b>18.0</b>	507.0	1,212.0	-	-	<b>1,737.0</b>	-	1,737.0
Unfunded	-	-	-	-	-	-	4,010.0	55.0	<b>4,065.0</b>	275.0	4,340.0
	-	-	<b>18.0</b>	<b>18.0</b>	<b>507.0</b>	<b>1,212.0</b>	<b>4,010.0</b>	<b>55.0</b>	<b>5,802.0</b>	<b>275.0</b>	<b>6,077.0</b>
<b>Facility Safety and Security</b>											
2000 Water Revenue Bond Funds	411.7	80.0	548.0	<b>628.0</b>	545.0	-	-	-	<b>1,173.0</b>	-	1,584.7
Unfunded	-	-	-	-	-	545.0	-	-	<b>545.0</b>	-	545.0
	<b>411.7</b>	<b>80.0</b>	<b>548.0</b>	<b>628.0</b>	<b>545.0</b>	<b>545.0</b>	-	-	<b>1,718.0</b>	-	<b>2,129.7</b>
<b>Geographic Information System</b>											
2000 Water Revenue Bond Funds	519.5	90.0	-	<b>90.0</b>	-	-	-	-	<b>90.0</b>	-	609.5
Tucson Water Revenue and Operations Fund	1,002.9	-	891.0	<b>891.0</b>	597.0	506.0	100.0	-	<b>2,094.0</b>	-	3,096.9
	<b>1,522.3</b>	<b>90.0</b>	<b>891.0</b>	<b>981.0</b>	<b>597.0</b>	<b>506.0</b>	<b>100.0</b>	-	<b>2,184.0</b>	-	<b>3,706.3</b>
<b>La Entrada Structure Remedy</b>											
Tucson Water Revenue and Operations Fund	-	-	-	-	-	270.0	-	-	<b>270.0</b>	-	270.0
	-	-	-	-	-	<b>270.0</b>	-	-	<b>270.0</b>	-	<b>270.0</b>
<b>Maintenance Management Program</b>											
2000 Water Revenue Bond Funds	548.4	200.0	-	<b>200.0</b>	-	-	-	-	<b>200.0</b>	-	748.4
Tucson Water Revenue and Operations Fund	1,419.2	-	1,034.0	<b>1,034.0</b>	245.0	-	-	-	<b>1,279.0</b>	-	2,698.2
	<b>1,967.6</b>	<b>200.0</b>	<b>1,034.0</b>	<b>1,234.0</b>	<b>245.0</b>	-	-	-	<b>1,479.0</b>	-	<b>3,446.6</b>
<b>Microwave Radio Replacements</b>											
1994 Water Revenue Bond Funds	271.0	-	-	-	-	-	-	-	-	-	271.0
2000 Water Revenue Bond Funds	227.0	150.0	-	<b>150.0</b>	-	-	-	-	<b>150.0</b>	-	377.0
Tucson Water Revenue and Operations Fund	559.7	-	-	-	-	-	-	-	-	-	559.7
	<b>1,057.7</b>	<b>150.0</b>	-	<b>150.0</b>	-	-	-	-	<b>150.0</b>	-	<b>1,207.7</b>
<b>Miscellaneous Land and Right-of-Way Acquisitions</b>											
Tucson Water Revenue and Operations Fund	-	-	10.0	<b>10.0</b>	10.0	10.0	10.0	10.0	<b>50.0</b>	-	50.0
Unfunded	-	-	-	-	-	-	-	-	-	50.0	50.0
	-	-	<b>10.0</b>	<b>10.0</b>	<b>10.0</b>	<b>10.0</b>	<b>10.0</b>	<b>10.0</b>	<b>50.0</b>	<b>50.0</b>	<b>100.0</b>

## Tucson Water - Potable General Plant

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Tucson Water Document Management</b>											
Tucson Water Revenue and Operations Fund	-	-	50.0	50.0	-	1,000.0	2,000.0	-	3,050.0	-	3,050.0
	-	-	50.0	50.0	-	1,000.0	2,000.0	-	3,050.0	-	3,050.0
<b>Program Area Total</b>	<b>4,959.3</b>	<b>520.0</b>	<b>2,551.0</b>	<b>3,071.0</b>	<b>1,904.0</b>	<b>3,543.0</b>	<b>6,120.0</b>	<b>65.0</b>	<b>14,703.0</b>	<b>325.0</b>	<b>19,987.3</b>
<b>Source of Funds Summary</b>											
1994 Water Revenue Bond Funds	271.0	-	-	-	-	-	-	-	-	-	271.0
2000 Water Revenue Bond Funds	1,706.6	520.0	548.0	1,068.0	545.0	-	-	-	1,613.0	-	3,319.6
Tucson Water Revenue and Operations Fund	2,981.7	-	2,003.0	2,003.0	1,359.0	2,998.0	2,110.0	10.0	8,480.0	-	11,461.7
Unfunded	-	-	-	-	-	545.0	4,010.0	55.0	4,610.0	325.0	4,935.0
<b>Program Area Total</b>	<b>4,959.3</b>	<b>520.0</b>	<b>2,551.0</b>	<b>3,071.0</b>	<b>1,904.0</b>	<b>3,543.0</b>	<b>6,120.0</b>	<b>65.0</b>	<b>14,703.0</b>	<b>325.0</b>	<b>19,987.3</b>

## Tucson Water - Potable General Plant

(\$000)

<b>Facility Improvements - Future</b> <b>Description:</b> Budget capacity for anticipated, but not yet specifically identified projects. Projects will be determined as part of Tucson Water's ongoing capital planning process, which takes a comprehensive look at system needs.  <b>Justification:</b> Identified projects will provide needed safety improvements and reduce costs by improving efficiency at existing facilities.										<b>Project ID:</b> WG99 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> City and County		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
Tucson Water Revenue and Operations Fund	-	-	18.0	18.0	507.0	1,212.0	-	-	1,737.0	-	1,737.0	
Unfunded	-	-	-	-	-	-	4,010.0	55.0	4,065.0	275.0	4,340.0	
<b>Total</b>	-	-	18.0	18.0	507.0	1,212.0	4,010.0	55.0	5,802.0	275.0	6,077.0	

<b>Facility Safety and Security</b> <b>Description:</b> Design and construct safety and security systems to protect water facilities and systems. This project includes, but is not limited to, various forms of perimeter protection, access control, detection and alarm systems, and structural and system modifications that will improve the safety and security of water facilities and personnel.  <b>Justification:</b> This project reflects the recommended security changes required to meet federal preparedness mandates. Upgrades will protect both personnel and public health.										<b>Project ID:</b> W381 <b>Start Date:</b> 9/01 <b>End Date:</b> 6/06  <b>Location:</b> City and County		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
2000 Water Revenue Bond Funds	411.7	80.0	548.0	628.0	545.0	-	-	-	1,173.0	-	1,584.7	
Unfunded	-	-	-	-	-	545.0	-	-	545.0	-	545.0	
<b>Total</b>	411.7	80.0	548.0	628.0	545.0	545.0	-	-	1,718.0	-	2,129.7	

## Tucson Water - Potable General Plant

(S000)

<b>Geographic Information System</b> <b>Description:</b> Convert the existing paper-based valve map system to a digital system that is compatible with the department's computer systems.									<b>Project ID:</b> W358 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/07  <b>Location:</b> City and County		
<b>Justification:</b> A digital system will provide for the immediate transmission of information for field use and will aid in timely response to main breaks and water shutdowns.											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	519.5	90.0	-	90.0	-	-	-	-	90.0	-	609.5
Tucson Water Revenue and Operations Fund	1,002.9	-	891.0	891.0	597.0	506.0	100.0	-	2,094.0	-	3,096.9
<b>Total</b>	1,522.3	90.0	891.0	981.0	597.0	506.0	100.0	-	2,184.0	-	3,706.3

<b>La Entrada Structure Remedy</b> <b>Description:</b> Design and construct improvements to the La Entrada facility that will remedy water leakage from the decorative planters on the terrace level. All the concrete will be repaired and covered with a special coating.									<b>Project ID:</b> W403 <b>Start Date:</b> 7/05 <b>End Date:</b> 6/06  <b>Location:</b> Ward 1		
<b>Justification:</b> Water has seeped through cracks in the topping slab and through the expansion joints, causing deterioration of the roof structure.											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Tucson Water Revenue and Operations Fund	-	-	-	-	-	270.0	-	-	270.0	-	270.0
<b>Total</b>	-	-	-	-	-	270.0	-	-	270.0	-	270.0

## Tucson Water - Potable General Plant

(\$000)

<b>Maintenance Management Program</b>										<b>Project ID:</b> W415		
<b>Description:</b> Reengineer Tucson Water's operations and maintenance functions. The results of the reengineering will be an operations and maintenance organization with a smaller but better trained and equipped workforce. This reengineering is being accomplished through three tracks: organization, technology, and practices.										<b>Start Date:</b> 7/01		
										<b>End Date:</b> 6/05		
										<b>Location:</b> City and County		
<b>Justification:</b> This reengineering will result in substantial operational improvements, reducing maintenance costs.												
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
2000 Water Revenue Bond Funds	548.4	200.0	-	200.0	-	-	-	-	200.0	-	748.4	
Tucson Water Revenue and Operations Fund	1,419.2	-	1,034.0	1,034.0	245.0	-	-	-	1,279.0	-	2,698.2	
<b>Total</b>	1,967.6	200.0	1,034.0	1,234.0	245.0	-	-	-	1,479.0	-	3,446.6	

<b>Microwave Radio Replacements</b>										<b>Project ID:</b> W251		
<b>Description:</b> Replace microwave radios at existing wells, reservoirs, boosters, and pressure regulating valve facilities. Microwave radios transmit data from remote sites to a single facility, providing centralized control of water flow.										<b>Start Date:</b> 7/98		
										<b>End Date:</b> 6/04		
										<b>Location:</b> City and County		
<b>Justification:</b> The existing microwave radio manufacturer will no longer furnish replacement parts or make repairs. Additionally, the current technology will not comply with anticipated Federal Communication Commission regulations.												
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
1994 Water Revenue Bond Funds	271.0	-	-	-	-	-	-	-	-	-	271.0	
2000 Water Revenue Bond Funds	227.0	150.0	-	150.0	-	-	-	-	150.0	-	377.0	
Tucson Water Revenue and Operations Fund	559.7	-	-	-	-	-	-	-	-	-	559.7	
<b>Total</b>	1,057.7	150.0	-	150.0	-	-	-	-	150.0	-	1,207.7	

## Tucson Water - Potable General Plant

(\$000)

<b>Miscellaneous Land and Right-of-Way Acquisitions</b> <b>Description:</b> Budget capacity for preliminary real estate services such as the determination and acquisition of right-of way privileges or easements that are needed, but not specifically provided for in well, booster station, reservoir, and pipeline projects.  <b>Justification:</b> The determination and acquisition of easements and right-of -way priveleges may be necessary prior to determining the feasibility of a project.									<b>Project ID:</b> W126 <b>Start Date:</b> Annual <b>End Date:</b> Annual <b>Location:</b> City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Tucson Water Revenue and Operations Fund	-	-	10.0	10.0	10.0	10.0	10.0	10.0	50.0	-	50.0
Unfunded	-	-	-	-	-	-	-	-	-	50.0	50.0
<b>Total</b>	-	-	10.0	10.0	10.0	10.0	10.0	10.0	50.0	50.0	100.0

<b>Tucson Water Document Management</b> <b>Description:</b> Develop a department-wide computerized system for managing important documents, including plans, permits, reports, policy statements, applications, and historical records. This system will allow integration with other systems such as the Maintenance Management Program and the Geographic Information System.  <b>Justification:</b> A unified document management system will preserve important documents and significantly increase staff efficiency in the storage and retrieval of documents.									<b>Project ID:</b> W436 <b>Start Date:</b> 7/03 <b>End Date:</b> 6/07 <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Tucson Water Revenue and Operations Fund	-	-	50.0	50.0	-	1,000.0	2,000.0	-	3,050.0	-	3,050.0
<b>Total</b>	-	-	50.0	50.0	-	1,000.0	2,000.0	-	3,050.0	-	3,050.0

## Tucson Water - Potable Treatment

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Distribution System Treatment</b>											
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	-	-	4,000.0	4,000.0
	-	-	-	-	-	-	-	-	-	<b>4,000.0</b>	<b>4,000.0</b>
<b>Hayden-Udall Plant Rehabilitation</b>											
1994 Water Revenue Bond Funds	2,465.6	-	-	-	-	-	-	-	-	-	2,465.6
2000 Water Revenue Bond Funds	1,171.1	225.0	990.0	<b>1,215.0</b>	-	-	-	-	<b>1,215.0</b>	-	2,386.1
Central Arizona Project Reserve Fund	57.6	-	10.0	<b>10.0</b>	10.0	10.0	10.0	-	<b>40.0</b>	-	97.6
Tucson Water Revenue and Operations Fund	379.2	-	-	-	801.0	568.0	736.0	-	<b>2,105.0</b>	-	2,484.2
Unfunded	-	-	-	-	1,689.0	1,122.0	4.0	-	<b>2,815.0</b>	-	2,815.0
	<b>4,073.4</b>	<b>225.0</b>	<b>1,000.0</b>	<b>1,225.0</b>	<b>2,500.0</b>	<b>1,700.0</b>	<b>750.0</b>	-	<b>6,175.0</b>	-	<b>10,248.4</b>
<b>Technical Drive Improvements</b>											
2000 Water Revenue Bond Funds	-	-	400.0	<b>400.0</b>	1,000.0	-	-	-	<b>1,400.0</b>	-	1,400.0
	-	-	<b>400.0</b>	<b>400.0</b>	<b>1,000.0</b>	-	-	-	<b>1,400.0</b>	-	<b>1,400.0</b>
<b>Treatment Improvements - Future</b>											
Tucson Water Revenue and Operations Fund	-	-	1,250.0	<b>1,250.0</b>	2,000.0	2,000.0	2,000.0	2,000.0	<b>9,250.0</b>	-	9,250.0
Unfunded	-	-	-	-	-	-	-	-	-	10,000.0	10,000.0
	-	-	<b>1,250.0</b>	<b>1,250.0</b>	<b>2,000.0</b>	<b>2,000.0</b>	<b>2,000.0</b>	<b>2,000.0</b>	<b>9,250.0</b>	<b>10,000.0</b>	<b>19,250.0</b>
<b>Program Area Total</b>	<b>4,073.4</b>	<b>225.0</b>	<b>2,650.0</b>	<b>2,875.0</b>	<b>5,500.0</b>	<b>3,700.0</b>	<b>2,750.0</b>	<b>2,000.0</b>	<b>16,825.0</b>	<b>14,000.0</b>	<b>34,898.4</b>
<b>Source of Funds Summary</b>											
1994 Water Revenue Bond Funds	2,465.6	-	-	-	-	-	-	-	-	-	2,465.6
2000 Water Revenue Bond Funds	1,171.1	225.0	1,390.0	<b>1,615.0</b>	1,000.0	-	-	-	<b>2,615.0</b>	-	3,786.1
Central Arizona Project Reserve Fund	57.6	-	10.0	<b>10.0</b>	10.0	10.0	10.0	-	<b>40.0</b>	-	97.6
Tucson Water Revenue and Operations Fund	379.2	-	1,250.0	<b>1,250.0</b>	2,801.0	2,568.0	2,736.0	2,000.0	<b>11,355.0</b>	4,000.0	15,734.2
Unfunded	-	-	-	-	1,689.0	1,122.0	4.0	-	<b>2,815.0</b>	10,000.0	12,815.0
<b>Program Area Total</b>	<b>4,073.4</b>	<b>225.0</b>	<b>2,650.0</b>	<b>2,875.0</b>	<b>5,500.0</b>	<b>3,700.0</b>	<b>2,750.0</b>	<b>2,000.0</b>	<b>16,825.0</b>	<b>14,000.0</b>	<b>34,898.4</b>



## Tucson Water - Potable Treatment

(S000)

<b>Distribution System Treatment</b> <b>Description:</b> Implement chemical treatment of water at various sites within the potable distribution system, including Martin Reservoir and the Technical Drive Pressure Regulating Valve Station.  <b>Justification:</b> As the area's water chemistry changes in future years, this project provides for the additional treatment options that may be necessary within the distribution system.									<b>Project ID:</b> W445 <b>Start Date:</b> 7/10 <b>End Date:</b> 6/13 <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	-	-	4,000.0	4,000.0
<b>Total</b>	-	-	-	-	-	-	-	-	-	4,000.0	4,000.0

<b>Hayden-Udall Plant Rehabilitation</b> <b>Description:</b> Design and construct improvements at the Hayden-Udall Treatment Plant, including and upgrade of the control system and transition of the central potable control system from La Entrada to Hayden-Udall. The filter system and the ozone contactors will also be upgraded.  <b>Justification:</b> This project will address Tucson Water's strategic water resources plan by increasing the use of blended water supplies to meet future water system demands.									<b>Project ID:</b> W165 <b>Start Date:</b> 7/97 <b>End Date:</b> 6/07 <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 Water Revenue Bond Funds	2,465.6	-	-	-	-	-	-	-	-	-	2,465.6
2000 Water Revenue Bond Funds	1,171.1	225.0	990.0	1,215.0	-	-	-	-	1,215.0	-	2,386.1
Central Arizona Project Reserve Fund	57.6	-	10.0	10.0	10.0	10.0	10.0	-	40.0	-	97.6
Tucson Water Revenue and Operations Fund	379.2	-	-	-	801.0	568.0	736.0	-	2,105.0	-	2,484.2
Unfunded	-	-	-	-	1,689.0	1,122.0	4.0	-	2,815.0	-	2,815.0
<b>Total</b>	4,073.4	225.0	1,000.0	1,225.0	2,500.0	1,700.0	750.0	-	6,175.0	-	10,248.4

## Tucson Water - Potable Treatment

(\$000)

<b>Technical Drive Improvements</b> <b>Description:</b> Design and construct a chemical feed facility and related flowmeter and water quality monitoring equipment at the Technical Drive Pressure Regulating Valve Station.  <b>Justification:</b> Additional water quality control is required for the Clearwater Renewable Resource Facility's blended water to maintain a high level of corrosion control for the water distribution system.									<b>Project ID:</b> W356 <b>Start Date:</b> 7/03 <b>End Date:</b> 6/05  <b>Location:</b> City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	-	-	400.0	400.0	1,000.0	-	-	-	1,400.0	-	1,400.0
<b>Total</b>	-	-	400.0	400.0	1,000.0	-	-	-	1,400.0	-	1,400.0

<b>Treatment Improvements - Future</b> <b>Description:</b> Budget capacity for anticipated, but not yet specifically identified projects. Projects will be determined as part of Tucson Water's ongoing capital planning process, which takes a comprehensive look at system needs.  <b>Justification:</b> This project is needed to provide budget capacity for the water quality enhancements of source waters to meet both regulatory requirements and the community's expectations for the potable water system.									<b>Project ID:</b> WH99 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Tucson Water Revenue and Operations Fund	-	-	1,250.0	1,250.0	2,000.0	2,000.0	2,000.0	2,000.0	9,250.0	-	9,250.0
Unfunded	-	-	-	-	-	-	-	-	-	10,000.0	10,000.0
<b>Total</b>	-	-	1,250.0	1,250.0	2,000.0	2,000.0	2,000.0	2,000.0	9,250.0	10,000.0	19,250.0

## Tucson Water - Potable Process Control

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Control Panel Replacements</b>											
1984 Water Revenue Bond Funds	0.2	-	-	-	-	-	-	-	-	-	0.2
1994 Water Revenue Bond Funds	92.8	-	-	-	-	-	-	-	-	-	92.8
2000 Water Revenue Bond Funds	108.3	-	634.0	<b>634.0</b>	770.0	-	-	-	<b>1,404.0</b>	-	1,512.3
Tucson Water Revenue and Operations Fund	738.9	-	786.0	<b>786.0</b>	-	-	-	-	<b>786.0</b>	-	1,524.9
	<b>940.2</b>	-	<b>1,420.0</b>	<b>1,420.0</b>	<b>770.0</b>	-	-	-	<b>2,190.0</b>	-	<b>3,130.2</b>
<b>Photovoltaic Monitoring Control</b>											
Tucson Water Revenue and Operations Fund	40.0	-	60.0	<b>60.0</b>	60.0	60.0	-	-	<b>180.0</b>	-	220.0
	<b>40.0</b>	-	<b>60.0</b>	<b>60.0</b>	<b>60.0</b>	<b>60.0</b>	-	-	<b>180.0</b>	-	<b>220.0</b>
<b>Program Area Total</b>	<b>980.2</b>	-	<b>1,480.0</b>	<b>1,480.0</b>	<b>830.0</b>	<b>60.0</b>	-	-	<b>2,370.0</b>	-	<b>3,350.2</b>
<b>Source of Funds Summary</b>											
1984 Water Revenue Bond Funds	0.2	-	-	-	-	-	-	-	-	-	0.2
1994 Water Revenue Bond Funds	92.8	-	-	-	-	-	-	-	-	-	92.8
2000 Water Revenue Bond Funds	108.3	-	634.0	<b>634.0</b>	770.0	-	-	-	<b>1,404.0</b>	-	1,512.3
Tucson Water Revenue and Operations Fund	778.9	-	846.0	<b>846.0</b>	60.0	60.0	-	-	<b>966.0</b>	-	1,744.9
<b>Program Area Total</b>	<b>980.2</b>	-	<b>1,480.0</b>	<b>1,480.0</b>	<b>830.0</b>	<b>60.0</b>	-	-	<b>2,370.0</b>	-	<b>3,350.2</b>

## Tucson Water - Potable Process Control

(S000)

<b>Control Panel Replacements</b> <b>Description:</b> Install new control panels and dependent electronic equipment at wells, booster stations, reservoirs, and pressure regulating valve facilities.  <b>Justification:</b> Existing control panels are approaching 20 years of service. Replacement panels are needed to ensure system reliability.									<b>Project ID:</b> W045 <b>Start Date:</b> 7/97 <b>End Date:</b> 6/05 <b>Location:</b> City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1984 Water Revenue Bond Funds	0.2	-	-	-	-	-	-	-	-	-	0.2
1994 Water Revenue Bond Funds	92.8	-	-	-	-	-	-	-	-	-	92.8
2000 Water Revenue Bond Funds	108.3	-	634.0	634.0	770.0	-	-	-	1,404.0	-	1,512.3
Tucson Water Revenue and Operations Fund	738.9	-	786.0	786.0	-	-	-	-	786.0	-	1,524.9
<b>Total</b>	940.2	-	1,420.0	1,420.0	770.0	-	-	-	2,190.0	-	3,130.2

<b>Photovoltaic Monitoring Control</b> <b>Description:</b> Design and implement photovoltaic monitoring and control of key pressure regulating valve sites to provide real-time data to operators.  <b>Justification:</b> Real-time data from key pressure regulating valve sites will provide operators with greater flexibility and control in managing the water system and improve operational efficiency.									<b>Project ID:</b> W437 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/06 <b>Location:</b> City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Tucson Water Revenue and Operations Fund	40.0	-	60.0	60.0	60.0	60.0	-	-	180.0	-	220.0
<b>Total</b>	40.0	-	60.0	60.0	60.0	60.0	-	-	180.0	-	220.0

## Tucson Water - Capitalized Expense

### Five-Year Capital Improvement Program

(S000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Capitalized Expense</b>											
Tucson Water Revenue and Operations Fund	-	-	5,000.0	<b>5,000.0</b>	5,000.0	5,000.0	5,000.0	5,000.0	<b>25,000.0</b>	25,000.0	50,000.0
	-	-	<b>5,000.0</b>	<b>5,000.0</b>	<b>5,000.0</b>	<b>5,000.0</b>	<b>5,000.0</b>	<b>5,000.0</b>	<b>25,000.0</b>	<b>25,000.0</b>	<b>50,000.0</b>
<b>Program Area Total</b>	-	-	<b>5,000.0</b>	<b>5,000.0</b>	<b>5,000.0</b>	<b>5,000.0</b>	<b>5,000.0</b>	<b>5,000.0</b>	<b>25,000.0</b>	<b>25,000.0</b>	<b>50,000.0</b>
<b>Source of Funds Summary</b>											
Tucson Water Revenue and Operations Fund	-	-	5,000.0	<b>5,000.0</b>	5,000.0	5,000.0	5,000.0	5,000.0	<b>25,000.0</b>	25,000.0	50,000.0
<b>Program Area Total</b>	-	-	<b>5,000.0</b>	<b>5,000.0</b>	<b>5,000.0</b>	<b>5,000.0</b>	<b>5,000.0</b>	<b>5,000.0</b>	<b>25,000.0</b>	<b>25,000.0</b>	<b>50,000.0</b>

## Tucson Water - Capitalized Expense

(\$000)

<b>Capitalized Expense</b> <b>Description:</b> Budget capacity for capitalizing Tucson Water's administrative overhead expenses that are associated with implementing capital projects, but not directly identifiable with specific projects. An indirect cost formula has been developed by the Finance Department and Tucson Water for the allocation of these indirect expenses.  <b>Justification:</b> The capital portion of the utility's administrative overhead costs must be capitalized as a depreciable asset.									<b>Project ID:</b> W129 <b>Start Date:</b> Annual <b>End Date:</b> Annual <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Tucson Water Revenue and Operations Fund	-	-	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0	25,000.0	50,000.0
<b>Total</b>	-	-	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0	25,000.0	50,000.0

## Tucson Water - Reclaimed Water System

### Five-Year Capital Improvement Program

(\$000)

Program Area	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Tucson Water - Reclaimed Source Development	634.7	-	1,500.0	<b>1,500.0</b>	1,500.0	-	-	1,800.0	<b>4,800.0</b>	6,800.0	<b>12,234.7</b>
Tucson Water - Reclaimed Storage	558.9	-	30.0	<b>30.0</b>	450.0	870.0	870.0	4,580.0	<b>6,800.0</b>	7,840.0	<b>15,198.9</b>
Tucson Water - Reclaimed Pumping Plant	649.1	-	1,535.0	<b>1,535.0</b>	1,035.0	1,055.0	1,055.0	775.0	<b>5,455.0</b>	3,155.0	<b>9,259.1</b>
Tucson Water - Reclaimed Transmission	1,670.7	390.0	5,650.0	<b>6,040.0</b>	5,445.0	500.0	500.0	2,363.0	<b>14,848.0</b>		<b>33,226.7</b>
Tucson Water - Reclaimed Distribution	-	130.0	925.0	<b>1,055.0</b>	400.0	795.0	325.0	560.0	<b>3,135.0</b>	3,980.0	<b>7,115.0</b>
Tucson Water - Reclaimed New Services	-	-	50.0	<b>50.0</b>	50.0	50.0	50.0	50.0	<b>250.0</b>	250.0	<b>500.0</b>
Tucson Water - Reclaimed Treatment	137.7	-	1,100.0	<b>1,100.0</b>	1,080.0	50.0	850.0	-	<b>3,080.0</b>	-	<b>3,217.7</b>
Tucson Water - Reclaimed Process Control	588.8	-	30.0	<b>30.0</b>	-	-	-	250.0	<b>280.0</b>	1,250.0	<b>2,118.8</b>
<b>Program Total</b>	<b>4,240.0</b>	<b>520.0</b>	<b>10,820.0</b>	<b>11,340.0</b>	<b>9,960.0</b>	<b>3,320.0</b>	<b>3,650.0</b>	<b>10,378.0</b>	<b>38,648.0</b>	<b>39,983.0</b>	<b>82,871.0</b>

<b>Source of Funds Summary</b>											
1984 Water Revenue Bond Funds	86.1	-	-	-	-	-	-	-	-	-	86.1
1994 Water Revenue Bond Funds	315.1	-	-	-	-	-	-	-	-	-	315.1
2000 Water Revenue Bond Funds	3,512.3	520.0	7,557.0	<b>8,077.0</b>	980.0	-	-	-	<b>9,057.0</b>	-	12,569.3
Tucson Water Revenue and Operations Fund	326.4	-	3,263.0	<b>3,263.0</b>	770.0	195.0	195.0	3,285.0	<b>7,708.0</b>	3,825.0	11,859.4
Unfunded	-	-	-	-	8,210.0	3,125.0	3,455.0	7,093.0	<b>21,883.0</b>	36,158.0	58,041.0
<b>Program Total</b>	<b>4,240.0</b>	<b>520.0</b>	<b>10,820.0</b>	<b>11,340.0</b>	<b>9,960.0</b>	<b>3,320.0</b>	<b>3,650.0</b>	<b>10,378.0</b>	<b>38,648.0</b>	<b>39,983.0</b>	<b>82,871.0</b>

**Note:** This CIP assumed passage of the Water System Equity Fee. Since the Mayor and Council have not approved the fee, Tucson Water is in the process of revising its 5-Year Financial Plan. The new plan will require that modifications be made to Tucson Water's CIP.

## Tucson Water - Reclaimed Source Development

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Ina Road Reclaimed Water Facility</b>											
Unfunded	-	-	-	-	-	-	-	1,800.0	<b>1,800.0</b>	6,800.0	8,600.0
	-	-	-	-	-	-	-	<b>1,800.0</b>	<b>1,800.0</b>	<b>6,800.0</b>	<b>8,600.0</b>
<b>Reclaimed Storage and Recovery</b>											
1994 Water Revenue Bond Funds	0.9	-	-	-	-	-	-	-	-	-	0.9
2000 Water Revenue Bond Funds	558.1	-	852.0	<b>852.0</b>	-	-	-	-	<b>852.0</b>	-	1,410.1
Tucson Water Revenue and Operations Fund	75.7	-	648.0	<b>648.0</b>	-	-	-	-	<b>648.0</b>	-	723.7
Unfunded	-	-	-	-	1,500.0	-	-	-	<b>1,500.0</b>	-	1,500.0
	<b>634.7</b>	-	<b>1,500.0</b>	<b>1,500.0</b>	<b>1,500.0</b>	-	-	-	<b>3,000.0</b>	-	<b>3,634.7</b>
<b>Program Area Total</b>	<b>634.7</b>	-	<b>1,500.0</b>	<b>1,500.0</b>	<b>1,500.0</b>	-	-	<b>1,800.0</b>	<b>4,800.0</b>	<b>6,800.0</b>	<b>12,234.7</b>
<b>Source of Funds Summary</b>											
1994 Water Revenue Bond Funds	0.9	-	-	-	-	-	-	-	-	-	0.9
2000 Water Revenue Bond Funds	558.1	-	852.0	<b>852.0</b>	-	-	-	-	<b>852.0</b>	-	1,410.1
Tucson Water Revenue and Operations Fund	75.7	-	648.0	<b>648.0</b>	-	-	-	-	<b>648.0</b>	-	723.7
Unfunded	-	-	-	-	1,500.0	-	-	1,800.0	<b>3,300.0</b>	6,800.0	10,100.0
<b>Program Area Total</b>	<b>634.7</b>	-	<b>1,500.0</b>	<b>1,500.0</b>	<b>1,500.0</b>	-	-	<b>1,800.0</b>	<b>4,800.0</b>	<b>6,800.0</b>	<b>12,234.7</b>



## Tucson Water - Reclaimed Source Development

(\$000)

<b>Ina Road Reclaimed Water Facility</b>										<b>Project ID:</b> W603		
<b>Description:</b> Design and construct a production facility that will add up to 8 million gallons per day of processed effluent into the reclaimed water system near Pima County's Wastewater Treatment Plant at Ina Road. Design is set to begin in Fiscal Year 2008 with the major construction occurring in Fiscal Years 2009 and 2010.												
<b>Justification:</b> This facility will provide additional reclaimed water for the delivery system from the recovery wells under the managed in-channel recharge program.												
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
Unfunded	-	-	-	-	-	-	-	1,800.0	1,800.0	6,800.0	8,600.0	
Total	-	-	-	-	-	-	-	1,800.0	1,800.0	6,800.0	8,600.0	

<b>Reclaimed Storage and Recovery</b>										<b>Project ID:</b> W289		
<b>Description:</b> Design and construct an effluent recovery well and a recovery pipeline along the Santa Cruz River as part of the managed in-channel recharge program.												
<b>Justification:</b> These facilities will expand the effluent recharge and recovery capabilities of the city's reclaimed water system to meet projected demand for an additional 3 million gallons per day (2,500 acre-feet per year).												
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
1994 Water Revenue Bond Funds	0.9	-	-	-	-	-	-	-	-	-	0.9	
2000 Water Revenue Bond Funds	558.1	-	852.0	852.0	-	-	-	-	852.0	-	1,410.1	
Tucson Water Revenue and Operations Fund	75.7	-	648.0	648.0	-	-	-	-	648.0	-	723.7	
Unfunded	-	-	-	-	1,500.0	-	-	-	1,500.0	-	1,500.0	
Total	634.7	-	1,500.0	1,500.0	1,500.0	-	-	-	3,000.0	-	3,634.7	

## Tucson Water - Reclaimed Storage

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Ina Road Reservoir</b>											
Unfunded	-	-	-	-	-	-	-	420.0	<b>420.0</b>	1,680.0	2,100.0
	-	-	-	-	-	-	-	<b>420.0</b>	<b>420.0</b>	<b>1,680.0</b>	<b>2,100.0</b>
<b>Irvington Road Reservoir</b>											
Unfunded	-	-	-	-	-	-	-	-	-	3,100.0	3,100.0
	-	-	-	-	-	-	-	-	-	<b>3,100.0</b>	<b>3,100.0</b>
<b>La Paloma Reservoir</b>											
2000 Water Revenue Bond Funds	256.4	-	-	-	-	-	-	-	-	-	256.4
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	3,090.0	<b>3,090.0</b>	-	3,090.0
	<b>256.4</b>	-	-	-	-	-	-	<b>3,090.0</b>	<b>3,090.0</b>	-	<b>3,346.4</b>
<b>Reclaimed Storage Projects - Future</b>											
Tucson Water Revenue and Operations Fund	-	-	30.0	<b>30.0</b>	30.0	30.0	30.0	30.0	<b>150.0</b>	3,060.0	3,210.0
	-	-	<b>30.0</b>	<b>30.0</b>	<b>30.0</b>	<b>30.0</b>	<b>30.0</b>	<b>30.0</b>	<b>150.0</b>	<b>3,060.0</b>	<b>3,210.0</b>
<b>Roger Road Reservoir</b>											
Tucson Water Revenue and Operations Fund	-	-	-	-	420.0	-	-	-	<b>420.0</b>	-	420.0
Unfunded	-	-	-	-	-	840.0	840.0	-	<b>1,680.0</b>	-	1,680.0
	-	-	-	-	<b>420.0</b>	<b>840.0</b>	<b>840.0</b>	-	<b>2,100.0</b>	-	<b>2,100.0</b>
<b>Sunrise Reservoir</b>											
2000 Water Revenue Bond Funds	302.5	-	-	-	-	-	-	-	-	-	302.5
Unfunded	-	-	-	-	-	-	-	1,040.0	<b>1,040.0</b>	-	1,040.0
	<b>302.5</b>	-	-	-	-	-	-	<b>1,040.0</b>	<b>1,040.0</b>	-	<b>1,342.5</b>
<b>Program Area Total</b>	<b>558.9</b>	-	<b>30.0</b>	<b>30.0</b>	<b>450.0</b>	<b>870.0</b>	<b>870.0</b>	<b>4,580.0</b>	<b>6,800.0</b>	<b>7,840.0</b>	<b>15,198.9</b>

<b>Source of Funds Summary</b>											
2000 Water Revenue Bond Funds	558.9	-	-	-	-	-	-	-	-	-	558.9
Tucson Water Revenue and Operations Fund	-	-	30.0	<b>30.0</b>	450.0	30.0	30.0	3,120.0	<b>3,660.0</b>	3,060.0	6,720.0
Unfunded	-	-	-	-	-	840.0	840.0	1,460.0	<b>3,140.0</b>	4,780.0	7,920.0
<b>Program Area Total</b>	<b>558.9</b>	-	<b>30.0</b>	<b>30.0</b>	<b>450.0</b>	<b>870.0</b>	<b>870.0</b>	<b>4,580.0</b>	<b>6,800.0</b>	<b>7,840.0</b>	<b>15,198.9</b>

## Tucson Water - Reclaimed Storage

(\$000)

## Ina Road Reservoir

**Description:**

Design and construct a 3 million gallon reservoir that will be part of the planned reclaimed water production facilities in the Ina Road/Interstate 10 area. Design will be completed in Fiscal Year 2008, followed by construction in Fiscal Years 2009 and 2010.

**Justification:**

This reservoir will provide the additional storage necessary to ensure the availability of reclaimed water in the Northwest portion of the service area.

**Project ID:** W606**Start Date:** 7/07**End Date:** 6/10**Location:** County

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	420.0	420.0	1,680.0	2,100.0
Total	-	-	-	-	-	-	-	420.0	420.0	1,680.0	2,100.0

## Irvington Road Reservoir

**Description:**

Design and construct a 5.5 million gallon reservoir near Irvington Road and Camino de Oeste.

**Justification:**

This reservoir will facilitate the delivery of reclaimed water to seven elementary schools, two middle schools, and five parks.

**Project ID:** W607

**Start Date:** 7/09**End Date:** 6/12

**Location:** County

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	-	-	3,100.0	3,100.0
<b>Total</b>	-	-	-	-	-	-	-	-	-	3,100.0	3,100.0

## Tucson Water - Reclaimed Storage

(\$000)

<b>La Paloma Reservoir</b> <b>Description:</b> Design and construct a new 5 million gallon storage reservoir in the vicinity of the existing La Paloma reservoir.  <b>Justification:</b> This new reservoir will improve system hydraulics in the north and east sections of the reclaimed system.									<b>Project ID:</b> W608 <b>Start Date:</b> 7/00 <b>End Date:</b> 6/08  <b>Location:</b> County		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 Water Revenue Bond Funds	256.4	-	-	-	-	-	-	-	-	-	256.4
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	3,090.0	3,090.0	-	3,090.0
<b>Total</b>	256.4	-	-	-	-	-	-	3,090.0	3,090.0	-	3,346.4

<b>Reclaimed Storage Projects - Future</b> <b>Description:</b> Budget capacity for anticipated, but not yet specifically identified projects. Projects will be determined as part of Tucson Water's ongoing capital planning process, which takes a comprehensive look at system needs.  <b>Justification:</b> These projects ensure that the system can meet peak requirements during the summer months.									<b>Project ID:</b> WL99 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> City and County		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
Tucson Water Revenue and Operations Fund	-	-	30.0	30.0	30.0	30.0	30.0	30.0	150.0	3,060.0	3,210.0
<b>Total</b>	-	-	30.0	30.0	30.0	30.0	30.0	30.0	150.0	3,060.0	3,210.0

## Tucson Water - Reclaimed Storage

(\$000)

<b>Roger Road Reservoir</b> <b>Description:</b> Design and construct a 3 million gallon reservoir.  <b>Justification:</b> This reservoir will accommodate the new reclaimed water supplies that will be boosted into the system from the Roger Road Recharge and Recovery Facility.									<b>Project ID:</b> W609 <b>Start Date:</b> 7/04 <b>End Date:</b> 6/07  <b>Location:</b> Ward 1		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
Tucson Water Revenue and Operations Fund	-	-	-	-	420.0	-	-	-	420.0	-	420.0
Unfunded	-	-	-	-	-	840.0	840.0	-	1,680.0	-	1,680.0
<b>Total</b>	-	-	-	-	420.0	840.0	840.0	-	2,100.0	-	2,100.0

<b>Sunrise Reservoir</b> <b>Description:</b> Design and construct a 1.3 million gallon reservoir.  <b>Justification:</b> This reservoir will improve system pressure and booster operation for the area served by the La Paloma Reservoir booster station. It will also allow for the irrigation of median islands along Sunrise Road, at area schools, and on the private property of customers in the area.									<b>Project ID:</b> W610 <b>Start Date:</b> 7/00 <b>End Date:</b> 6/08  <b>Location:</b> County		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 Water Revenue Bond Funds	302.5	-	-	-	-	-	-	-	-	-	302.5
Unfunded	-	-	-	-	-	-	-	1,040.0	1,040.0	-	1,040.0
<b>Total</b>	302.5	-	-	-	-	-	-	1,040.0	1,040.0	-	1,342.5

## Tucson Water - Reclaimed Pumping Plant

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Houghton Road Booster</b>											
Unfunded	-	-	-	-	-	-	-	280.0	<b>280.0</b>	1,120.0	1,400.0
	-	-	-	-	-	-	-	<b>280.0</b>	<b>280.0</b>	<b>1,120.0</b>	<b>1,400.0</b>
<b>Ina Road Booster</b>											
Unfunded	-	-	-	-	-	-	-	440.0	<b>440.0</b>	1,760.0	2,200.0
	-	-	-	-	-	-	-	<b>440.0</b>	<b>440.0</b>	<b>1,760.0</b>	<b>2,200.0</b>
<b>Mission Manor Park Booster</b>											
2000 Water Revenue Bond Funds	440.0	-	-	-	-	-	-	-	-	-	440.0
Tucson Water Revenue and Operations Fund	0.5	-	400.0	<b>400.0</b>	-	-	-	-	<b>400.0</b>	-	400.5
	<b>440.5</b>	-	<b>400.0</b>	<b>400.0</b>	-	-	-	-	<b>400.0</b>	-	<b>840.5</b>
<b>Northwest In-Line Booster</b>											
Tucson Water Revenue and Operations Fund	-	-	550.0	<b>550.0</b>	-	-	-	-	<b>550.0</b>	-	550.0
	-	-	<b>550.0</b>	<b>550.0</b>	-	-	-	-	<b>550.0</b>	-	<b>550.0</b>
<b>Reclaimed Pressure Regulating Valve Project</b>											
Tucson Water Revenue and Operations Fund	-	-	50.0	<b>50.0</b>	-	-	-	-	<b>50.0</b>	-	50.0
	-	-	<b>50.0</b>	<b>50.0</b>	-	-	-	-	<b>50.0</b>	-	<b>50.0</b>
<b>Reclaimed Pumping Plant - Future</b>											
Tucson Water Revenue and Operations Fund	-	-	55.0	<b>55.0</b>	55.0	55.0	55.0	55.0	<b>275.0</b>	275.0	550.0
	-	-	<b>55.0</b>	<b>55.0</b>	<b>55.0</b>	<b>55.0</b>	<b>55.0</b>	<b>55.0</b>	<b>275.0</b>	<b>275.0</b>	<b>550.0</b>
<b>Reid Park Boosters Expansion</b>											
2000 Water Revenue Bond Funds	208.6	-	480.0	<b>480.0</b>	480.0	-	-	-	<b>960.0</b>	-	1,168.6
	<b>208.6</b>	-	<b>480.0</b>	<b>480.0</b>	<b>480.0</b>	-	-	-	<b>960.0</b>	-	<b>1,168.6</b>

## Tucson Water - Reclaimed Pumping Plant

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Roger Road Plant Booster Expansion</b>											
2000 Water Revenue Bond Funds	-	-	-	-	500.0	-	-	-	<b>500.0</b>	-	500.0
Unfunded	-	-	-	-	-	1,000.0	1,000.0	-	<b>2,000.0</b>	-	2,000.0
	-	-	-	-	<b>500.0</b>	<b>1,000.0</b>	<b>1,000.0</b>	-	<b>2,500.0</b>	-	<b>2,500.0</b>
<b>Program Area Total</b>	<b>649.1</b>	-	<b>1,535.0</b>	<b>1,535.0</b>	<b>1,035.0</b>	<b>1,055.0</b>	<b>1,055.0</b>	<b>775.0</b>	<b>5,455.0</b>	<b>3,155.0</b>	<b>9,259.1</b>
<b>Source of Funds Summary</b>											
2000 Water Revenue Bond Funds	648.6	-	480.0	<b>480.0</b>	980.0	-	-	-	<b>1,460.0</b>	-	2,108.6
Tucson Water Revenue and Operations Fund	0.5	-	1,055.0	<b>1,055.0</b>	55.0	55.0	55.0	55.0	<b>1,275.0</b>	275.0	1,550.5
Unfunded	-	-	-	-	-	1,000.0	1,000.0	720.0	<b>2,720.0</b>	2,880.0	5,600.0
<b>Program Area Total</b>	<b>649.1</b>	-	<b>1,535.0</b>	<b>1,535.0</b>	<b>1,035.0</b>	<b>1,055.0</b>	<b>1,055.0</b>	<b>775.0</b>	<b>5,455.0</b>	<b>3,155.0</b>	<b>9,259.1</b>

## Tucson Water - Reclaimed Pumping Plant

(\$000)

<b>Houghton Road Booster</b> <b>Description:</b> Design and construct a 3,800 gallons per minute booster expansion at the Houghton Road Reservoir.  <b>Justification:</b> This expansion will support the use of reclaimed water at planned golf courses in the area and other potential users.									<b>Project ID:</b> W612 <b>Start Date:</b> 7/07 <b>End Date:</b> 6/10 <b>Location:</b> Ward 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	280.0	280.0	1,120.0	1,400.0
<b>Total</b>	-	-	-	-	-	-	-	280.0	280.0	1,120.0	1,400.0

<b>Ina Road Booster</b> <b>Description:</b> Design and construct a 4,200 gallons per minute booster station that will boost water from the Ina Road Reclaimed Water Facility to the reclaimed water system.  <b>Justification:</b> This booster will support the use of reclaimed water in the Northwest section of the service area.									<b>Project ID:</b> W614 <b>Start Date:</b> 7/07 <b>End Date:</b> 6/10 <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	440.0	440.0	1,760.0	2,200.0
<b>Total</b>	-	-	-	-	-	-	-	440.0	440.0	1,760.0	2,200.0



## Tucson Water - Reclaimed Pumping Plant

(S000)

<b>Mission Manor Park Booster</b> <b>Description:</b> Design and construct a reclaimed water booster station with a capacity of 2,000 gallons per minute.  <b>Justification:</b> This booster will serve schools and parks in the area, including Desert View High School; Apollo, Sierra, and Drexel Middle Schools; and Los Amigos, Ocotillo, and Liberty Elementary Schools.									<b>Project ID:</b> W383 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/04  <b>Location:</b> Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	440.0	-	-	-	-	-	-	-	-	-	440.0
Tucson Water Revenue and Operations Fund	0.5	-	400.0	400.0	-	-	-	-	400.0	-	400.5
<b>Total</b>	440.5	-	400.0	400.0	-	-	-	-	400.0	-	840.5

<b>Northwest In-Line Booster</b> <b>Description:</b> Design and construct a booster station to enable Tucson Water to utilize full capacity of the 24-inch reclaimed pipeline to deliver water to the Thornydale Reclaimed Reservoir.  <b>Justification:</b> This booster is required for Tucson Water to meet its contractual obligation to provide reclaimed water to future golf courses in the Dove Mountain development.									<b>Project ID:</b> W431 <b>Start Date:</b> 7/03 <b>End Date:</b> 6/04  <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Tucson Water Revenue and Operations Fund	-	-	550.0	550.0	-	-	-	-	550.0	-	550.0
<b>Total</b>	-	-	550.0	550.0	-	-	-	-	550.0	-	550.0

## Tucson Water - Reclaimed Pumping Plant

(S000)

<b>Reclaimed Pressure Regulating Valve Project</b> <b>Description:</b> Design and construct pressure regulating valve stations throughout the reclaimed water system.  <b>Justification:</b> This project will replace deteriorating stations and relocate stations located in hazardous areas and busy streets.									<b>Project ID:</b> W438 <b>Start Date:</b> 7/03 <b>End Date:</b> 6/04  <b>Location:</b> City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Tucson Water Revenue and Operations Fund	-	-	50.0	50.0	-	-	-	-	50.0	-	50.0
<b>Total</b>	-	-	50.0	50.0	-	-	-	-	50.0	-	50.0

<b>Reclaimed Pumping Plant - Future</b> <b>Description:</b> Budget capacity for anticipated, but not yet specifically identified projects. Projects will be determined as part of Tucson Water's ongoing capital planning process, which takes a comprehensive look at system needs.  <b>Justification:</b> This project will ensure the future availability of reclaimed water.									<b>Project ID:</b> WM99 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Tucson Water Revenue and Operations Fund	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
<b>Total</b>	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0

## Tucson Water - Reclaimed Pumping Plant

(\$000)

<b>Reid Park Boosters Expansion</b> <b>Description:</b> Design and construct a 1,750 gallons per minute booster station expansion.  <b>Justification:</b> This expansion will support the additional demand for reclaimed water that is associated with new transmission main projects in the east and southeast areas of the city.									<b>Project ID:</b> W615 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/05 <b>Location:</b> Ward 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	208.6	-	480.0	480.0	480.0	-	-	-	960.0	-	1,168.6
<b>Total</b>	208.6	-	480.0	480.0	480.0	-	-	-	960.0	-	1,168.6

<b>Roger Road Plant Booster Expansion</b> <b>Description:</b> Design and construct a 4,200 gallons per minute booster station expansion.  <b>Justification:</b> This expansion will accommodate the additional reclaimed water to be produced at the Roger Recharge and Recovery Facility.									<b>Project ID:</b> W618 <b>Start Date:</b> 7/04 <b>End Date:</b> 6/07 <b>Location:</b> Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	-	-	-	-	500.0	-	-	-	500.0	-	500.0
Unfunded	-	-	-	-	-	1,000.0	1,000.0	-	2,000.0	-	2,000.0
<b>Total</b>	-	-	-	-	500.0	1,000.0	1,000.0	-	2,500.0	-	2,500.0

## Tucson Water - Reclaimed Transmission

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>18th St/10th Ave Reclaimed Transmission Main</b>											
2000 Water Revenue Bond Funds	94.7	-	2,705.0	2,705.0	-	-	-	-	2,705.0	-	2,799.7
	<b>94.7</b>	-	<b>2,705.0</b>	<b>2,705.0</b>	-	-	-	-	<b>2,705.0</b>	-	<b>2,799.7</b>
<b>Ajo Way/10th Avenue Reclaimed Transmission Main</b>											
Unfunded	-	-	-	-	-	-	-	-	-	1,180.0	1,180.0
	-	-	-	-	-	-	-	-	-	<b>1,180.0</b>	<b>1,180.0</b>
<b>Alvernon/La Paloma Reclaimed Transmission Main</b>											
2000 Water Revenue Bond Funds	14.3	-	-	-	-	-	-	-	-	-	14.3
Tucson Water Revenue and Operations Fund	64.8	-	-	-	-	-	-	-	-	-	64.8
Unfunded	-	-	-	-	-	-	-	720.0	720.0	720.0	1,440.0
	<b>79.0</b>	-	-	-	-	-	-	<b>720.0</b>	<b>720.0</b>	<b>720.0</b>	<b>1,519.0</b>
<b>Broadway/Columbus Reclaimed Transmission Main</b>											
Unfunded	-	-	-	-	-	-	-	280.0	280.0	1,100.0	1,380.0
	-	-	-	-	-	-	-	<b>280.0</b>	<b>280.0</b>	<b>1,100.0</b>	<b>1,380.0</b>
<b>Broadway/Pantano Reclaimed Main</b>											
Unfunded	-	-	-	-	-	-	-	-	-	850.0	850.0
	-	-	-	-	-	-	-	-	-	<b>850.0</b>	<b>850.0</b>
<b>Campbell/Drexel Reclaimed Main</b>											
1984 Water Revenue Bond Funds	84.4	-	-	-	-	-	-	-	-	-	84.4
1994 Water Revenue Bond Funds	0.1	-	-	-	-	-	-	-	-	-	0.1
2000 Water Revenue Bond Funds	662.5	-	1,890.0	1,890.0	-	-	-	-	1,890.0	-	2,552.5
Unfunded	-	-	-	-	1,000.0	-	-	-	1,000.0	-	1,000.0
	<b>747.0</b>	-	<b>1,890.0</b>	<b>1,890.0</b>	<b>1,000.0</b>	-	-	-	<b>2,890.0</b>	-	<b>3,637.0</b>
<b>Columbus/22nd Street Reclaimed Transmission Main</b>											
Unfunded	-	-	-	-	-	-	-	225.0	225.0	420.0	645.0
	-	-	-	-	-	-	-	<b>225.0</b>	<b>225.0</b>	<b>420.0</b>	<b>645.0</b>

## Tucson Water - Reclaimed Transmission

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Golf Links/Craycroft Reclaimed Transmission Main</b> 2000 Water Revenue Bond Funds	750.0	390.0	500.0	<b>890.0</b>	-	-	-	-	<b>890.0</b>	-	1,640.0
	<b>750.0</b>	<b>390.0</b>	<b>500.0</b>	<b>890.0</b>	-	-	-	-	<b>890.0</b>	-	<b>1,640.0</b>
<b>Irvington/Tucson Estates Reclaimed Main</b> Unfunded	-	-	-	-	-	-	-	-	-	7,500.0	7,500.0
	-	-	-	-	-	-	-	-	-	<b>7,500.0</b>	<b>7,500.0</b>
<b>Reclaimed Transmission Mains - Future</b> Tucson Water Revenue and Operations Fund	-	-	555.0	<b>555.0</b>	-	-	-	-	<b>555.0</b>	-	555.0
Unfunded	-	-	-	-	4,445.0	500.0	500.0	500.0	<b>5,945.0</b>	3,380.0	9,325.0
	-	-	555.0	<b>555.0</b>	<b>4,445.0</b>	<b>500.0</b>	<b>500.0</b>	<b>500.0</b>	<b>6,500.0</b>	<b>3,380.0</b>	<b>9,880.0</b>
<b>San Juan/Greasewood Reclaimed Transmission Main</b> Unfunded	-	-	-	-	-	-	-	-	-	1,030.0	1,030.0
	-	-	-	-	-	-	-	-	-	<b>1,030.0</b>	<b>1,030.0</b>
<b>Sunrise/Craycroft Reclaimed Transmission Main</b> Unfunded	-	-	-	-	-	-	-	180.0	<b>180.0</b>	120.0	300.0
	-	-	-	-	-	-	-	<b>180.0</b>	<b>180.0</b>	<b>120.0</b>	<b>300.0</b>
<b>Sunrise/Craycroft to Sabino Reclaimed Main</b> Unfunded	-	-	-	-	-	-	-	458.0	<b>458.0</b>	408.0	866.0
	-	-	-	-	-	-	-	<b>458.0</b>	<b>458.0</b>	<b>408.0</b>	<b>866.0</b>
<b>Program Area Total</b>	<b>1,670.7</b>	<b>390.0</b>	<b>5,650.0</b>	<b>6,040.0</b>	<b>5,445.0</b>	<b>500.0</b>	<b>500.0</b>	<b>2,363.0</b>	<b>14,848.0</b>	<b>16,708.0</b>	<b>33,226.7</b>
<b>Source of Funds Summary</b>											
1984 Water Revenue Bond Funds	84.4	-	-	-	-	-	-	-	-	-	84.4
1994 Water Revenue Bond Funds	0.1	-	-	-	-	-	-	-	-	-	0.1
2000 Water Revenue Bond Funds	1,521.5	390.0	5,095.0	<b>5,485.0</b>	-	-	-	-	<b>5,485.0</b>	-	7,006.5
Tucson Water Revenue and Operations Fund	64.8	-	555.0	<b>555.0</b>	-	-	-	-	<b>555.0</b>	-	619.8
Unfunded	-	-	-	-	5,445.0	500.0	500.0	2,363.0	<b>8,808.0</b>	16,708.0	25,516.0
<b>Program Area Total</b>	<b>1,670.7</b>	<b>390.0</b>	<b>5,650.0</b>	<b>6,040.0</b>	<b>5,445.0</b>	<b>500.0</b>	<b>500.0</b>	<b>2,363.0</b>	<b>14,848.0</b>	<b>16,708.0</b>	<b>33,226.7</b>

## Tucson Water - Reclaimed Transmission

(\$000)

## 18th St/10th Ave Reclaimed Transmission Main

**Description:**

Design and construct 11,500 feet of 24-inch reclaimed water transmission main from Plumer Avenue to 10th Avenue. This project will serve Santa Rita Park and Howenstine School.

**Justification:**

This main is needed to improve system hydraulics.

**Project ID:** W622

**Start Date:** 7/01**End Date:** 6/04

**Location:** Wards 5 and 6

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	94.7	-	2,705.0	2,705.0	-	-	-	-	2,705.0	-	2,799.7
<b>Total</b>	94.7	-	2,705.0	2,705.0	-	-	-	-	2,705.0	-	2,799.7

## Ajo Way/10th Avenue Reclaimed Transmission Main

**Description:**

Design and construct 5,300 feet of 30-inch reclaimed transmission main along Ajo Way from south 10th Avenue to the Santa Cruz River.

**Justification:**

This main will provide reclaimed water service to Kennedy Park, Lynn-Urquides Elementary School, and several apartment complexes.

**Project ID:** W623**Start Date:** 7/09**End Date:** 6/12

**Location:** Wards 1 and 5

[illegible]

## Tucson Water - Reclaimed Transmission

(S000)

<b>Alvernon/La Paloma Reclaimed Transmission Main</b>										<b>Project ID:</b> W624		
<b>Description:</b> Design and construct 13,000 feet of 24-inch augmentation to the reclaimed transmission main in the Alvernon alignment from River Road to the La Paloma Reservoir.										<b>Start Date:</b> 7/00		
										<b>End Date:</b> 6/09		
										<b>Location:</b> County		
<b>Justification:</b> This project will improve system hydraulics in the north and east portions of the reclaimed water system.												
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
2000 Water Revenue Bond Funds	14.3	-	-	-	-	-	-	-	-	-	14.3	
Tucson Water Revenue and Operations Fund	64.8	-	-	-	-	-	-	-	-	-	64.8	
Unfunded	-	-	-	-	-	-	-	720.0	720.0	720.0	1,440.0	
<b>Total</b>	79.0	-	-	-	-	-	-	720.0	720.0	720.0	1,519.0	

<b>Broadway/Columbus Reclaimed Transmission Main</b>										<b>Project ID:</b> W625		
<b>Description:</b> Design and construct 13,400 feet of 16-inch reclaimed water transmission main in Broadway Boulevard from Columbus Boulevard to Wilmot Road.										<b>Start Date:</b> 7/07		
										<b>End Date:</b> 6/10		
										<b>Location:</b> Ward 6		
<b>Justification:</b> This project will provide service to Rincon High School, Sears Park, Vail Middle School, and the Williams Center.												
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
Unfunded	-	-	-	-	-	-	-	280.0	280.0	1,100.0	1,380.0	
<b>Total</b>	-	-	-	-	-	-	-	280.0	280.0	1,100.0	1,380.0	

## Tucson Water - Reclaimed Transmission

(\$000)

<b>Broadway/Pantano Reclaimed Main</b> <b>Description:</b> Design and construct 8,300 feet of 16-inch reclaimed water transmission main along Broadway Boulevard from the Pantano Wash to Wilmot Road.  <b>Justification:</b> This project will make reclaimed water available to one school and three apartment complexes that have high outdoor water usage.									<b>Project ID:</b> W626 <b>Start Date:</b> 7/09 <b>End Date:</b> 6/12 <b>Location:</b> Ward 2		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	-	-	850.0	850.0
<b>Total</b>	-	-	-	-	-	-	-	-	-	850.0	850.0

<b>Campbell/Drexel Reclaimed Main</b> <b>Description:</b> Design and construct 29,800 feet of 24-inch reclaimed water transmission main from the intersection of 44th Street and South 10th Avenue south to Drexel Road, from Liberty Avenue to Benson Highway along the Drexel Road alignment, and along Benson Highway from Drexel Road to the planned Columbus Boulevard Reservoir site.  <b>Justification:</b> This project will provide service to Southlawn Cemetery; city parks; Desert View High School; Apollo, Sierra, and Drexel Middle Schools; and Los Amigos, Ocotillo, and Liberty Elementary Schools.									<b>Project ID:</b> W644 <b>Start Date:</b> 8/91 <b>End Date:</b> 6/05 <b>Location:</b> Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1984 Water Revenue Bond Funds	84.4	-	-	-	-	-	-	-	-	-	84.4
1994 Water Revenue Bond Funds	0.1	-	-	-	-	-	-	-	-	-	0.1
2000 Water Revenue Bond Funds	662.5	-	1,890.0	1,890.0	-	-	-	-	1,890.0	-	2,552.5
Unfunded	-	-	-	-	1,000.0	-	-	-	1,000.0	-	1,000.0
<b>Total</b>	747.0	-	1,890.0	1,890.0	1,000.0	-	-	-	2,890.0	-	3,637.0



## Tucson Water - Reclaimed Transmission

(S000)

<b>Columbus/22nd Street Reclaimed Transmission Main</b> <b>Description:</b> Design and construct 5,000 feet of 16-inch reclaimed water transmission main in Columbus Boulevard from 22nd Street to Broadway Boulevard.  <b>Justification:</b> This project will provide service to Howell and Lineweaver Elementary Schools and to Alvernon Park.									<b>Project ID:</b> W641 <b>Start Date:</b> 7/07 <b>End Date:</b> 6/09 <b>Location:</b> Ward 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	225.0	225.0	420.0	645.0
<b>Total</b>	-	-	-	-	-	-	-	225.0	225.0	420.0	645.0

<b>Golf Links/Craycroft Reclaimed Transmission Main</b> <b>Description:</b> Design and construct 12,000 feet of 16-inch reclaimed transmission main in Golf Links Road from Craycroft to Wilmot, in Wilmot Road from Golf Links to Nicaragua, in Nicaragua Drive to South Calle Polar, and in South Calle Polar to Escalante.  <b>Justification:</b> This transmission main will complete the system from the Udall Booster Station to the Houghton Road Reservoir and will provide service to Wheeler and Smith Elementary Schools and to Terra del Sol Park.									<b>Project ID:</b> W629 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/04 <b>Location:</b> Ward 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	750.0	390.0	500.0	890.0	-	-	-	-	890.0	-	1,640.0
<b>Total</b>	750.0	390.0	500.0	890.0	-	-	-	-	890.0	-	1,640.0

## Tucson Water - Reclaimed Transmission

(S000)

<b>Irrington/Tucson Estates Reclaimed Main</b> <b>Description:</b> Design and construct 24,200 feet of 30-inch and 15,400 feet of 24-inch reclaimed water transmission mains from west Ajo Way at the Santa Cruz River to west Irrington Road and along Irrington Road to Camino de Oeste.  <b>Justification:</b> This project will provide service to nine schools and five parks.									<b>Project ID:</b> W631 <b>Start Date:</b> 7/09 <b>End Date:</b> 6/12 <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	-	-	7,500.0	7,500.0
<b>Total</b>	-	-	-	-	-	-	-	-	-	7,500.0	7,500.0

<b>Reclaimed Transmission Mains - Future</b> <b>Description:</b> Budget capacity for reclaimed transmission main projects. The specific location of these projects will be determined in future years.  <b>Justification:</b> This project will ensure that future reclaimed transmission needs are met.									<b>Project ID:</b> WN99 <b>Start Date:</b> 7/03 <b>End Date:</b> 6/09 <b>Location:</b> City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Tucson Water Revenue and Operations Fund	-	-	555.0	555.0	-	-	-	-	555.0	-	555.0
Unfunded	-	-	-	-	4,445.0	500.0	500.0	500.0	5,945.0	3,380.0	9,325.0
<b>Total</b>	-	-	555.0	555.0	4,445.0	500.0	500.0	500.0	6,500.0	3,380.0	9,880.0

## Tucson Water - Reclaimed Transmission

(\$000)

<b>San Juan/Greasewood Reclaimed Transmission Main</b> <b>Description:</b> Design and construct 10,000 feet of 16-inch reclaimed water transmission main in the west Silverlake Road/San Juan alignment from the Santa Cruz River to south Greasewood Road.  <b>Justification:</b> This project will provide service to Cholla High School and two parks.									<b>Project ID:</b> W632 <b>Start Date:</b> 7/09 <b>End Date:</b> 6/12 <b>Location:</b> Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	-	-	1,030.0	1,030.0
<b>Total</b>	-	-	-	-	-	-	-	-	-	1,030.0	1,030.0

<b>Sunrise/Craycroft Reclaimed Transmission Main</b> <b>Description:</b> Design and construct 3,000 feet of 16-inch reclaimed transmission main near Craycroft Road and Sunrise Road.  <b>Justification:</b> This project will connect the Sunrise Reservoir to the reclaimed water system.									<b>Project ID:</b> W634 <b>Start Date:</b> 7/07 <b>End Date:</b> 6/09 <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	180.0	180.0	120.0	300.0
<b>Total</b>	-	-	-	-	-	-	-	180.0	180.0	120.0	300.0

## Tucson Water - Reclaimed Transmission

(S000)

<b>Sunrise/Craycroft to Sabino Reclaimed Main</b> <b>Description:</b> Design and construct 10,000 feet of 16-inch reclaimed water transmission main in Sunrise Road from Craycroft Road to Sabino Canyon Road.									<b>Project ID:</b> W628 <b>Start Date:</b> 7/07 <b>End Date:</b> 6/09 <b>Location:</b> County		
<b>Justification:</b> This project will augment the existing transmission main and improve system hydraulics. Service will be extended to several Catalina Foothills School District schools.											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	458.0	458.0	408.0	866.0
<b>Total</b>	-	-	-	-	-	-	-	458.0	458.0	408.0	866.0

## Tucson Water - Reclaimed Distribution

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Campbell/3rd Street Reclaimed Distribution Main</b>											
Unfunded	-	-	-	-	30.0	470.0	-	-	500.0	-	500.0
	-	-	-	-	30.0	470.0	-	-	500.0	-	500.0
<b>City of Tucson Parks Main Extensions</b>											
Tucson Water Revenue and Operations Fund	-	-	55.0	55.0	55.0	-	-	-	110.0	-	110.0
Unfunded	-	-	-	-	-	55.0	55.0	55.0	165.0	275.0	440.0
	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
<b>Main Extensions: Priority Clusters</b>											
Unfunded	-	-	-	-	-	-	-	55.0	55.0	275.0	330.0
	-	-	-	-	-	-	-	55.0	55.0	275.0	330.0
<b>Review of Developer-Financed Reclaimed Projects</b>											
Tucson Water Revenue and Operations Fund	-	-	60.0	60.0	60.0	60.0	60.0	60.0	300.0	240.0	540.0
	-	-	60.0	60.0	60.0	60.0	60.0	60.0	300.0	240.0	540.0
<b>Sabino/Sunrise to Snyder Reclaimed Distribution</b>											
Unfunded	-	-	-	-	-	-	-	180.0	180.0	720.0	900.0
	-	-	-	-	-	-	-	180.0	180.0	720.0	900.0
<b>Seneca/Palo Verde Reclaimed Distribution Main</b>											
Unfunded	-	-	-	-	-	-	-	-	-	850.0	850.0
	-	-	-	-	-	-	-	-	-	850.0	850.0
<b>Snyder/Bear Canyon Reclaimed Distribution Main</b>											
Unfunded	-	-	-	-	-	-	-	-	-	570.0	570.0
	-	-	-	-	-	-	-	-	-	570.0	570.0
<b>Starr Pass Improvements - Reclaimed System</b>											
Tucson Water Revenue and Operations Fund	-	-	600.0	600.0	-	-	-	-	600.0	-	600.0
	-	-	600.0	600.0	-	-	-	-	600.0	-	600.0

## Tucson Water - Reclaimed Distribution

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Sunnyside School District Main Extensions</b>											
Tucson Water Revenue and Operations Fund	-	-	55.0	55.0	100.0	-	-	-	155.0	-	155.0
Unfunded	-	-	-	-	-	55.0	55.0	55.0	165.0	275.0	440.0
	-	-	55.0	55.0	100.0	55.0	55.0	55.0	320.0	275.0	595.0
<b>System Enhancements: Reclaimed</b>											
2000 Water Revenue Bond Funds	-	100.0	-	100.0	-	-	-	-	100.0	-	100.0
Tucson Water Revenue and Operations Fund	-	-	100.0	100.0	-	-	-	-	100.0	-	100.0
Unfunded	-	-	-	-	100.0	100.0	100.0	100.0	400.0	500.0	900.0
	-	100.0	100.0	200.0	100.0	100.0	100.0	100.0	600.0	500.0	1,100.0
<b>Tucson Unified School District Main Extensions</b>											
2000 Water Revenue Bond Funds	-	30.0	-	30.0	-	-	-	-	30.0	-	30.0
Tucson Water Revenue and Operations Fund	-	-	55.0	55.0	-	-	-	-	55.0	-	55.0
Unfunded	-	-	-	-	55.0	55.0	55.0	55.0	220.0	275.0	495.0
	-	30.0	55.0	85.0	55.0	55.0	55.0	55.0	305.0	275.0	580.0
<b>Program Area Total</b>	-	130.0	925.0	1,055.0	400.0	795.0	325.0	560.0	3,135.0	3,980.0	7,115.0
<b>Source of Funds Summary</b>											
2000 Water Revenue Bond Funds	-	130.0	-	130.0	-	-	-	-	130.0	-	130.0
Tucson Water Revenue and Operations Fund	-	-	925.0	925.0	215.0	60.0	60.0	60.0	1,320.0	240.0	1,560.0
Unfunded	-	-	-	-	185.0	735.0	265.0	500.0	1,685.0	3,740.0	5,425.0
<b>Program Area Total</b>	-	130.0	925.0	1,055.0	400.0	795.0	325.0	560.0	3,135.0	3,980.0	7,115.0

## Tucson Water - Reclaimed Distribution

(\$000)

<b>Campbell/3rd Street Reclaimed Distribution Main</b> <b>Description:</b> Design and construct 6,000 feet of 6-inch reclaimed water transmission main along 7th Street from Norris Avenue to 2nd Avenue.  <b>Justification:</b> This project will provide service to Tucson High School, Mansfield Middle School, and Roskrige Elementary/Middle School.									<b>Project ID:</b> W642 <b>Start Date:</b> 7/04 <b>End Date:</b> 6/06 <b>Location:</b> Ward 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	30.0	470.0	-	-	500.0	-	500.0
<b>Total</b>	-	-	-	-	30.0	470.0	-	-	500.0	-	500.0

<b>City of Tucson Parks Main Extensions</b> <b>Description:</b> Design and construct reclaimed water transmission mains for the city's Parks and Recreation Department as needs are identified each year.  <b>Justification:</b> This project will expand the use of reclaimed water for irrigating city parks.									<b>Project ID:</b> W404 <b>Start Date:</b> Annual <b>End Date:</b> Annual <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Tucson Water Revenue and Operations Fund	-	-	55.0	55.0	55.0	-	-	-	110.0	-	110.0
Unfunded	-	-	-	-	-	55.0	55.0	55.0	165.0	275.0	440.0
<b>Total</b>	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0

## Tucson Water - Reclaimed Distribution

(S000)

<b>Main Extensions: Priority Clusters</b> <b>Description:</b> Design and construct main extensions to potential reclaimed water customers that are located within priority clusters.  <b>Justification:</b> This project will expand the customer base served with reclaimed water.									<b>Project ID:</b> W637 <b>Start Date:</b> 7/07 <b>End Date:</b> 6/12  <b>Location:</b> City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	55.0	55.0	275.0	330.0
<b>Total</b>	-	-	-	-	-	-	-	55.0	55.0	275.0	330.0

<b>Review of Developer-Financed Reclaimed Projects</b> <b>Description:</b> Review plans and inspect developer-constructed reclaimed water systems. These systems are donated to the city upon completion. Associated costs are recovered from fees.  <b>Justification:</b> This review and inspection ensures compliance with Tucson Water's standards.									<b>Project ID:</b> W130 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Tucson Water Revenue and Operations Fund	-	-	60.0	60.0	60.0	60.0	60.0	60.0	300.0	240.0	540.0
<b>Total</b>	-	-	60.0	60.0	60.0	60.0	60.0	60.0	300.0	240.0	540.0



## Tucson Water - Reclaimed Distribution

(\$000)

## Sabino/Sunrise to Snyder Reclaimed Distribution

**Description:**

Design and construct 11,500 feet of 12-inch reclaimed water distribution mains in Sabino Canyon Road from Sunrise to Snyder.

**Project ID:** W648**Start Date:** 7/07**End Date:** 6/09

**Location:** County

**Justification:**

This project will improve system hydraulics and provide service to several apartment complexes.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	180.0	180.0	720.0	900.0
Total	-	-	-	-	-	-	-	180.0	180.0	720.0	900.0

## Seneca/Palo Verde Reclaimed Distribution Main

**Description:**

Design and construct 15,000 feet of 8-inch reclaimed water distribution main in east Seneca Street from north Palo Verde to north Dodge Road, in Dodge Road east to Grant Road, in Grant Road east to north Rosemont, and in Rosemont Boulevard south to Pima Street.

**Project ID:** W638**Start Date:** 7/09**End Date:** 6/12

**Location:** Ward 6

**Justification:**

This project will enable the utility to serve reclaimed water to neighborhood schools.

	Prior Year(s)	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				Five Year Total	Future Years	Total Project
<b>Source of Funds:</b>		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
<b>Unfunded</b>	-	-	-	-	-	-	-	-	-	850.0	<b>850.0</b>
<b>Total</b>	-	-	-	-	-	-	-	-	-	850.0	<b>850.0</b>

## Tucson Water - Reclaimed Distribution

(S000)

<b>Snyder/Bear Canyon Reclaimed Distribution Main</b> <b>Description:</b> Design and construct 10,000 feet of 8-inch reclaimed water distribution main augmentation along Snyder Road from Bear Canyon to the Arizona National Golf Club (formerly known as the Raven Golf Course).  <b>Justification:</b> This project will augment the existing main and provide service to Sabino High School and McDonald Park.									<b>Project ID:</b> W633 <b>Start Date:</b> 7/10 <b>End Date:</b> 6/12 <b>Location:</b> County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	-	-	-	-	570.0	570.0
<b>Total</b>	-	-	-	-	-	-	-	-	-	570.0	570.0

<b>Starr Pass Improvements - Reclaimed System</b> <b>Description:</b> Design and construct a reclaimed water storage facility, approximately 3,000 linear feet of 8-inch distribution main, and a booster pump station in the Starr Pass area.  <b>Justification:</b> This project will provide reclaimed water to the Starr Pass resort.									<b>Project ID:</b> W422 <b>Start Date:</b> 7/03 <b>End Date:</b> 6/04 <b>Location:</b> Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Tucson Water Revenue and Operations Fund	-	-	600.0	600.0	-	-	-	-	600.0	-	600.0
<b>Total</b>	-	-	600.0	600.0	-	-	-	-	600.0	-	600.0

## Tucson Water - Reclaimed Distribution

(\$000)

<b>Sunnyside School District Main Extensions</b>										<b>Project ID:</b> W405		
<b>Description:</b> Design and construct reclaimed water mains for the Sunnyside School District.										<b>Start Date:</b> Annual		
										<b>End Date:</b> Annual		
										<b>Location:</b> Ward 5		
<b>Justification:</b> This project will provide service to Sunnyside School District schools per an agreement with the city.												
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
Tucson Water Revenue and Operations Fund	-	-	55.0	55.0	100.0	-	-	-	155.0	-	155.0	
Unfunded	-	-	-	-	-	55.0	55.0	55.0	165.0	275.0	440.0	
<b>Total</b>	-	-	55.0	55.0	100.0	55.0	55.0	55.0	320.0	275.0	595.0	

<b>System Enhancements: Reclaimed</b>										<b>Project ID:</b> W645		
<b>Description:</b> Design and construct reclaimed water mains during city, county, and state road improvement projects.										<b>Start Date:</b> Annual		
										<b>End Date:</b> Annual		
										<b>Location:</b> City and County		
<b>Justification:</b> This project will increase system capacity, while reducing the cost of pavement removal and replacement by coordinating construction with the roadway projects.												
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
2000 Water Revenue Bond Funds	-	100.0	-	100.0	-	-	-	-	100.0	-	100.0	
Tucson Water Revenue and Operations Fund	-	-	100.0	100.0	-	-	-	-	100.0	-	100.0	
Unfunded	-	-	-	-	100.0	100.0	100.0	100.0	400.0	500.0	900.0	
<b>Total</b>	-	100.0	100.0	200.0	100.0	100.0	100.0	100.0	600.0	500.0	1,100.0	

## Tucson Water - Reclaimed Distribution

(\$000)

<b>Tucson Unified School District Main Extensions</b> <b>Description:</b> Design and construct reclaimed water mains for the Tucson Unified School District.  <b>Justification:</b> This project will provide service to several Tucson Unified School District schools per an agreement with the city.									<b>Project ID:</b> W640 <b>Start Date:</b> Annual <b>End Date:</b> Annual <b>Location:</b> Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
2000 Water Revenue Bond Funds	-	30.0	-	30.0	-	-	-	-	30.0	-	30.0
Tucson Water Revenue and Operations Fund	-	-	55.0	55.0	-	-	-	-	55.0	-	55.0
Unfunded	-	-	-	-	55.0	55.0	55.0	55.0	220.0	275.0	495.0
<b>Total</b>	-	30.0	55.0	85.0	55.0	55.0	55.0	55.0	305.0	275.0	580.0

## Tucson Water - Reclaimed New Services

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>New Metered Services</b>											
Tucson Water Revenue and Operations Fund	-	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	250.0	500.0
	-	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	250.0	500.0
<b>Program Area Total</b>	-	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	250.0	500.0
<b>Source of Funds Summary</b>											
Tucson Water Revenue and Operations Fund	-	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	250.0	500.0
<b>Program Area Total</b>	-	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	250.0	500.0

## Tucson Water - Reclaimed New Services

(\$000)

<b>New Metered Services</b> <b>Description:</b> Install new metered water services upon customer request and payment of connection fees.  <b>Justification:</b> This project allows for the installation of new metered reclaimed water services upon customer request.										<b>Project ID:</b> W131 <b>Start Date:</b> Annual <b>End Date:</b> Annual  <b>Location:</b> City and County		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
Tucson Water Revenue and Operations Fund	-	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	250.0	500.0	
<b>Total</b>	-	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	250.0	500.0	

## Tucson Water - Reclaimed Treatment

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Chlorine System Improvements</b>											
2000 Water Revenue Bond Funds	-	-	1,000.0	<b>1,000.0</b>	-	-	-	-	<b>1,000.0</b>	-	1,000.0
Unfunded	-	-	-	-	1,000.0	-	-	-	<b>1,000.0</b>	-	1,000.0
	-	-	<b>1,000.0</b>	<b>1,000.0</b>	<b>1,000.0</b>	-	-	-	<b>2,000.0</b>	-	<b>2,000.0</b>
<b>Roger Road Reclaimed Water Treatment Plant Misc</b>											
2000 Water Revenue Bond Funds	125.2	-	100.0	<b>100.0</b>	-	-	-	-	<b>100.0</b>	-	225.2
Tucson Water Revenue and Operations Fund	12.5	-	-	-	-	-	-	-	-	-	12.5
Unfunded	-	-	-	-	80.0	50.0	850.0	-	<b>980.0</b>	-	980.0
	<b>137.7</b>	-	<b>100.0</b>	<b>100.0</b>	<b>80.0</b>	<b>50.0</b>	<b>850.0</b>	-	<b>1,080.0</b>	-	<b>1,217.7</b>
<b>Program Area Total</b>	<b>137.7</b>	-	<b>1,100.0</b>	<b>1,100.0</b>	<b>1,080.0</b>	<b>50.0</b>	<b>850.0</b>	-	<b>3,080.0</b>	-	<b>3,217.7</b>
<b>Source of Funds Summary</b>											
2000 Water Revenue Bond Funds	125.2	-	1,100.0	<b>1,100.0</b>	-	-	-	-	<b>1,100.0</b>	-	1,225.2
Tucson Water Revenue and Operations Fund	12.5	-	-	-	-	-	-	-	-	-	12.5
Unfunded	-	-	-	-	1,080.0	50.0	850.0	-	<b>1,980.0</b>	-	1,980.0
<b>Program Area Total</b>	<b>137.7</b>	-	<b>1,100.0</b>	<b>1,100.0</b>	<b>1,080.0</b>	<b>50.0</b>	<b>850.0</b>	-	<b>3,080.0</b>	-	<b>3,217.7</b>

## Tucson Water - Reclaimed Treatment

(\$000)

<b>Chlorine System Improvements</b> <b>Description:</b> Design and construct chlorination facilities for the planned Roger Road Storage and Recovery Facility.  <b>Justification:</b> This project will provide for the disinfection of reclaimed water.									<b>Project ID:</b> W649 <b>Start Date:</b> 4/04 <b>End Date:</b> 6/05  <b>Location:</b> Ward 1		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 Water Revenue Bond Funds	-	-	1,000.0	1,000.0	-	-	-	-	1,000.0	-	1,000.0
Unfunded	-	-	-	-	1,000.0	-	-	-	1,000.0	-	1,000.0
<b>Total</b>	-	-	1,000.0	1,000.0	1,000.0	-	-	-	2,000.0	-	2,000.0

<b>Roger Road Reclaimed Water Treatment Plant Misc</b> <b>Description:</b> Design and construct modifications and upgrades to the Roger Road Reclaimed Water Treatment Plant.  <b>Justification:</b> These modifications and upgrades are needed to comply with safety, building, and fire codes, and to maintain operational efficiency.									<b>Project ID:</b> W619 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/07  <b>Location:</b> Ward 1		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 Water Revenue Bond Funds	125.2	-	100.0	100.0	-	-	-	-	100.0	-	225.2
Tucson Water Revenue and Operations Fund	12.5	-	-	-	-	-	-	-	-	-	12.5
Unfunded	-	-	-	-	80.0	50.0	850.0	-	980.0	-	980.0
<b>Total</b>	137.7	-	100.0	100.0	80.0	50.0	850.0	-	1,080.0	-	1,217.7



## Tucson Water - Reclaimed Process Control

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Control Panels: Reclaimed System</b>											
1984 Water Revenue Bond Funds	1.8	-	-	-	-	-	-	-	-	-	1.8
1994 Water Revenue Bond Funds	314.2	-	-	-	-	-	-	-	-	-	314.2
2000 Water Revenue Bond Funds	100.0	-	-	-	-	-	-	-	-	-	100.0
Tucson Water Revenue and Operations Fund	172.9	-	-	-	-	-	-	-	-	-	172.9
Unfunded	-	-	-	-	-	-	-	250.0	250.0	1,250.0	1,500.0
	<b>588.8</b>	-	-	-	-	-	-	250.0	250.0	1,250.0	2,088.8
<b>Microwave Radio Replacements: Reclaimed</b>											
2000 Water Revenue Bond Funds	-	-	30.0	30.0	-	-	-	-	30.0	-	30.0
	-	-	30.0	30.0	-	-	-	-	30.0	-	30.0
<b>Program Area Total</b>	<b>588.8</b>	-	30.0	30.0	-	-	-	250.0	280.0	1,250.0	2,118.8
<b>Source of Funds Summary</b>											
1984 Water Revenue Bond Funds	1.8	-	-	-	-	-	-	-	-	-	1.8
1994 Water Revenue Bond Funds	314.2	-	-	-	-	-	-	-	-	-	314.2
2000 Water Revenue Bond Funds	100.0	-	30.0	30.0	-	-	-	-	30.0	-	130.0
Tucson Water Revenue and Operations Fund	172.9	-	-	-	-	-	-	-	-	-	172.9
Unfunded	-	-	-	-	-	-	-	250.0	250.0	1,250.0	1,500.0
<b>Program Area Total</b>	<b>588.8</b>	-	30.0	30.0	-	-	-	250.0	280.0	1,250.0	2,118.8

## Tucson Water - Reclaimed Process Control

(\$000)

<b>Control Panels: Reclaimed System</b>										<b>Project ID:</b> W959		
<b>Description:</b> Design and construct controls for reclaimed water facilities, and modify existing controls at booster stations, reservoirs, and storage facilities.										<b>Start Date:</b> 7/94		
										<b>End Date:</b> 6/12		
										<b>Location:</b> City and County		
<b>Justification:</b> These controls are needed to electronically monitor and transmit pressure, flow rates, and other site condition data to the reclaimed water treatment plant, where it is used to make operational decisions.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008				
1984 Water Revenue Bond Funds	1.8	-	-	-	-	-	-	-	-	-	1.8	
1994 Water Revenue Bond Funds	314.2	-	-	-	-	-	-	-	-	-	314.2	
2000 Water Revenue Bond Funds	100.0	-	-	-	-	-	-	-	-	-	100.0	
Tucson Water Revenue and Operations Fund	172.9	-	-	-	-	-	-	-	-	-	172.9	
Unfunded	-	-	-	-	-	-	-	250.0	250.0	1,250.0	1,500.0	
Total	588.8	-	-	-	-	-	-	250.0	250.0	1,250.0	2,088.8	

<b>Microwave Radio Replacements: Reclaimed</b> <b>Description:</b> Replace existing leased phone lines at reclaimed water remote sites with radio data telemetry equipment. Typical remote site facilities include wells, booster stations, and reservoirs.  <b>Justification:</b> The existing microwave radio manufacturer will no longer furnish replacement parts or make repairs. Additionally, the current technology will not comply with Federal Communications Commission regulations.									<b>Project ID:</b> W297 <b>Start Date:</b> 7/03 <b>End Date:</b> 6/04  <b>Location:</b> City and County		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 Water Revenue Bond Funds	-	-	30.0	30.0	-	-	-	-	30.0	-	30.0
<b>Total</b>	-	-	30.0	30.0	-	-	-	-	30.0	-	30.0



# Environmental Management

TRANSPORTATION



DOWNTOWN



GROWTH



GOOD  
GOVERNMENT

ECONOMIC DEVELOPMENT



NEIGHBORHOODS



## Capital Improvement Program Department Statement

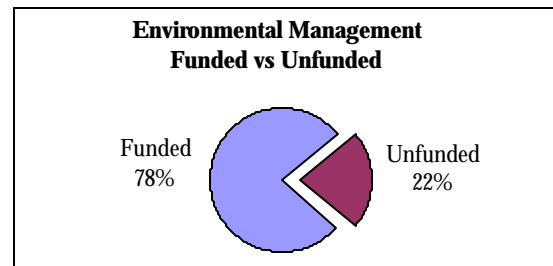
**FY 2004 through FY 2008**

**Department:** Environmental Management

**Five-Year Total:** \$ 14,140,800

The Environmental Management Capital Improvement Program (CIP) consists of projects for the remediation, investigation, and stabilization of city-owned sites with impacted soil and groundwater. This CIP is a major component of a recognized community environmental program. These projects directly reflect the city's effort to apply good government strategies that enhance neighborhoods and downtown by restoring the natural environment and removing environmental barriers to redevelopment.

The five-year program of \$14.1 million is 78% funded and 22% unfunded. Funding of \$11 million is available from \$7 million in general obligation bonds, \$2.1 million from the Environmental/Solid Waste Mandate Reserves, and \$1.9 million in capital agreement funds from the State of Arizona and Pima County. The remaining \$3.1 million is unfunded.



Of the ten projects in this CIP, the following three are fully funded:

- Broadway-Pantano Landfill groundwater containment system
- Remediation system at the Prudence Landfill
- Groundwater treatment system at the Silverbell Jail Annex Landfill

The following projects are partially funded:

- Assessment of potential soil and groundwater impacts at City of Tucson landfills
- Cottonwood Landfill
- Harrison Landfill groundwater remediation
- Los Reales Landfill groundwater treatment system
- Soil vapor extraction/air injection system at Los Reales Southwest Disposal Area
- Offsite soil/groundwater treatment system at Price Service Center

One project, assessment of potential groundwater impacts at the Tumamoc Landfill, is totally unfunded.

This five-year CIP has a projected impact on the operating budget of \$0.9 million in Fiscal Year 2004, increasing to \$1.23 million in Fiscal Year 2008. See the following page for the impact by project and funding source.

## Environmental Management: CIP Impact on the Operating Budget

When the following projects are completed, they will require funding for annual operations. The estimated impact of these projects on the operating budget over the next five years is shown in the table below.

(\$000)

<b>Project Name</b>	<b>Year 1 FY 2004</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>	<b>Five Year Total</b>
Broadway-Pantano Remediation Site	320.0	330.0	340.0	350.0	360.0	<b>1,700.0</b>
Cottonwood Landfill Project	20.0	20.0	20.0	20.0	20.0	<b>100.0</b>
Harrison Landfill Groundwater Remediation	100.0	110.0	120.0	130.0	140.0	<b>600.0</b>
Los Reales Landfill Groundwater Remediation	200.0	210.0	220.0	230.0	240.0	<b>1,100.0</b>
Los Reales Landfill Southwest Remediation	90.0	120.0	120.0	120.0	120.0	<b>570.0</b>
Prudence Landfill Vadose Zone Remediation	40.0	110.0	110.0	110.0	110.0	<b>480.0</b>
Silverbell Jail Annex Landfill	120.0	120.0	120.0	120.0	120.0	<b>600.0</b>
Tumamoc Landfill Soil/Groundwater Assessment	-	120.0	120.0	120.0	120.0	<b>480.0</b>
<b>Total</b>	<b>890.0</b>	<b>1,140.0</b>	<b>1,170.0</b>	<b>1,200.0</b>	<b>1,230.0</b>	<b>5,630.0</b>
<b>Source of Funds Summary</b>						
General Fund	890.0	1,140.0	1,170.0	1,200.0	1,230.0	<b>5,630.0</b>
<b>Total</b>	<b>890.0</b>	<b>1,140.0</b>	<b>1,170.0</b>	<b>1,200.0</b>	<b>1,230.0</b>	<b>5,630.0</b>



### Map Legend

#### Environmental Management

<u>Project Name</u>	<u>Year to be Completed</u>	<u>Project Name</u>	<u>Year to be Completed</u>
1. Broadway-Pantano Remediation Site	FY 2006	6. Price Service Center Remediation	FY 2007
2. Harrison Landfill Groundwater Remediation	FY 2007	7. Prudence Landfill Vadose Zone Remediation	FY 2005
3. Cottonwood Landfill Project	FY 2007	8. Silverbell Jail Annex Landfill	FY 2005
4. Los Reales Landfill Groundwater Remediation	FY 2006	9. Tumamoc Landfill Soil/Groundwater Assessment	FY 2007
5. Los Reales Landfill Southwest Remediation	FY 2006		



## Environmental Management

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Broadway-Pantano Remediation Site</b>											
1994 General Obligation Bond Funds	2,175.5	-	-	-	-	-	-	-	-	-	2,175.5
1994 General Obligation Bond Funds - Interest	29.5	-	-	-	-	-	-	-	-	-	29.5
2000 General Obligation Bond Funds	2,850.0	-	989.0	<b>989.0</b>	485.0	210.0	-	-	<b>1,684.0</b>	-	4,534.0
Capital Agreement Fund	2,678.8	-	921.2	<b>921.2</b>	-	-	-	-	<b>921.2</b>	-	3,600.0
Capital Agreement Fund: Pima County Contribution	356.3	-	43.7	<b>43.7</b>	-	-	-	-	<b>43.7</b>	-	400.0
General Fund	110.1	-	-	-	-	-	-	-	-	-	110.1
	<b>8,200.2</b>	-	<b>1,953.9</b>	<b>1,953.9</b>	<b>485.0</b>	<b>210.0</b>	-	-	<b>2,648.9</b>	-	<b>10,849.1</b>
<b>City Landfill Groundwater Investigations</b>											
1994 General Obligation Bond Funds	75.8	-	-	-	-	-	-	-	-	-	75.8
General Fund	167.4	-	-	-	-	-	-	-	-	-	167.4
General Fund: Mandate Reserves	784.8	242.0	290.0	<b>532.0</b>	-	-	-	-	<b>532.0</b>	-	1,316.8
Unfunded	-	-	-	-	300.0	300.0	300.0	-	<b>900.0</b>	-	900.0
	<b>1,028.0</b>	<b>242.0</b>	<b>290.0</b>	<b>532.0</b>	<b>300.0</b>	<b>300.0</b>	<b>300.0</b>	-	<b>1,432.0</b>	-	<b>2,460.0</b>
<b>Cottonwood Landfill Project</b>											
2000 General Obligation Bond Funds	-	270.0	200.0	<b>470.0</b>	100.0	-	-	-	<b>570.0</b>	-	570.0
Unfunded	-	-	-	-	300.0	200.0	100.0	-	<b>600.0</b>	-	600.0
	-	<b>270.0</b>	<b>200.0</b>	<b>470.0</b>	<b>400.0</b>	<b>200.0</b>	<b>100.0</b>	-	<b>1,170.0</b>	-	<b>1,170.0</b>
<b>Harrison Landfill Groundwater Remediation</b>											
1994 General Obligation Bond Funds	1,260.3	-	-	-	-	-	-	-	-	-	1,260.3
1994 General Obligation Bond Funds - Interest	296.9	-	-	-	-	-	-	-	-	-	296.9
2000 General Obligation Bond Funds	243.0	117.0	40.0	<b>157.0</b>	71.0	-	-	-	<b>228.0</b>	-	471.0
General Fund	204.6	-	-	-	-	-	-	-	-	-	204.6
Unfunded	-	-	-	-	29.0	100.0	100.0	-	<b>229.0</b>	-	229.0
	<b>2,004.8</b>	<b>117.0</b>	<b>40.0</b>	<b>157.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	-	<b>457.0</b>	-	<b>2,461.8</b>

## Environmental Management

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Los Reales Landfill Groundwater Remediation</b>											
1994 General Obligation Bond Funds	2,332.1	-	-	-	-	-	-	-	-	-	2,332.1
1994 General Obligation Bond Funds - Interest	527.1	-	-	-	-	-	-	-	-	-	527.1
2000 General Obligation Bond Funds	400.0	200.0	250.0	<b>450.0</b>	100.0	-	-	-	<b>550.0</b>	-	950.0
General Fund	244.2	-	-	-	-	-	-	-	-	-	244.2
Unfunded	-	-	-	-	100.0	200.0	-	-	<b>300.0</b>	-	300.0
	<b>3,503.4</b>	<b>200.0</b>	<b>250.0</b>	<b>450.0</b>	<b>200.0</b>	<b>200.0</b>	-	-	<b>850.0</b>	-	<b>4,353.4</b>
<b>Los Reales Landfill Southwest Remediation</b>											
2000 General Obligation Bond Funds	150.0	-	150.0	<b>150.0</b>	-	-	-	-	<b>150.0</b>	-	300.0
General Fund: Mandate Reserves	300.0	450.0	-	<b>450.0</b>	-	-	-	-	<b>450.0</b>	-	750.0
Unfunded	-	-	-	-	150.0	150.0	-	-	<b>300.0</b>	-	300.0
	<b>450.0</b>	<b>450.0</b>	<b>150.0</b>	<b>600.0</b>	<b>150.0</b>	<b>150.0</b>	-	-	<b>900.0</b>	-	<b>1,350.0</b>
<b>Price Service Center Remediation</b>											
1994 General Obligation Bond Funds	2,172.7	251.9	-	<b>251.9</b>	99.0	-	-	-	<b>350.9</b>	-	2,523.6
1994 General Obligation Bond Funds - Interest	129.2	-	-	-	-	-	-	-	-	-	129.2
2000 General Obligation Bond Funds	-	370.0	-	<b>370.0</b>	426.0	100.0	79.0	-	<b>975.0</b>	-	975.0
Capital Agreement Fund	500.0	500.0	400.0	<b>900.0</b>	-	-	-	-	<b>900.0</b>	-	1,400.0
General Fund	1,496.6	-	-	-	-	-	-	-	-	-	1,496.6
Unfunded	-	-	-	-	200.0	100.0	71.0	-	<b>371.0</b>	-	371.0
	<b>4,298.5</b>	<b>1,121.9</b>	<b>400.0</b>	<b>1,521.9</b>	<b>725.0</b>	<b>200.0</b>	<b>150.0</b>	-	<b>2,596.9</b>	-	<b>6,895.4</b>
<b>Prudence Landfill Vadose Zone Remediation</b>											
2000 General Obligation Bond Funds	50.0	860.0	-	<b>860.0</b>	190.0	-	-	-	<b>1,050.0</b>	-	1,100.0
	<b>50.0</b>	<b>860.0</b>	-	<b>860.0</b>	<b>190.0</b>	-	-	-	<b>1,050.0</b>	-	<b>1,100.0</b>
<b>Silverbell Jail Annex Landfill</b>											
1994 General Obligation Bond Funds	2,119.1	-	-	-	-	-	-	-	-	-	2,119.1
1994 General Obligation Bond Funds - Interest	37.7	-	-	-	-	-	-	-	-	-	37.7
2000 General Obligation Bond Funds	-	500.0	500.0	<b>1,000.0</b>	400.0	-	-	-	<b>1,400.0</b>	-	1,400.0
	<b>2,156.8</b>	<b>500.0</b>	<b>500.0</b>	<b>1,000.0</b>	<b>400.0</b>	-	-	-	<b>1,400.0</b>	-	<b>3,556.8</b>

## Environmental Management

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Tumamoc Landfill Soil/Groundwater Assessment</b>											
General Fund: Mandate Reserves	84.0	166.0	1,020.0	<b>1,186.0</b>	-	-	-	-	<b>1,186.0</b>	-	1,270.0
Unfunded	-	-	-	-	150.0	150.0	150.0	-	<b>450.0</b>	-	450.0
	<b>84.0</b>	<b>166.0</b>	<b>1,020.0</b>	<b>1,186.0</b>	<b>150.0</b>	<b>150.0</b>	<b>150.0</b>	-	<b>1,636.0</b>	-	<b>1,720.0</b>
<b>Department Total</b>	<b>21,775.6</b>	<b>3,926.9</b>	<b>4,803.9</b>	<b>8,730.8</b>	<b>3,100.0</b>	<b>1,510.0</b>	<b>800.0</b>	-	<b>14,140.8</b>	-	<b>35,916.4</b>
<b>Source of Funds Summary</b>											
1994 General Obligation Bond Funds	10,135.5	251.9	-	<b>251.9</b>	99.0	-	-	-	<b>350.9</b>	-	10,486.4
1994 General Obligation Bond Funds - Interest	1,020.4	-	-	-	-	-	-	-	-	-	1,020.4
2000 General Obligation Bond Funds	3,693.0	2,317.0	2,129.0	<b>4,446.0</b>	1,772.0	310.0	79.0	-	<b>6,607.0</b>	-	10,300.0
Capital Agreement Fund	3,178.8	500.0	1,321.2	<b>1,821.2</b>	-	-	-	-	<b>1,821.2</b>	-	5,000.0
Capital Agreement Fund: Pima County Contribution	356.3	-	43.7	<b>43.7</b>	-	-	-	-	<b>43.7</b>	-	400.0
General Fund	2,222.8	-	-	-	-	-	-	-	-	-	2,222.8
General Fund: Mandate Reserves	1,168.8	858.0	1,310.0	<b>2,168.0</b>	-	-	-	-	<b>2,168.0</b>	-	3,336.8
Unfunded	-	-	-	-	1,229.0	1,200.0	721.0	-	<b>3,150.0</b>	-	3,150.0
<b>Department Total</b>	<b>21,775.6</b>	<b>3,926.9</b>	<b>4,803.9</b>	<b>8,730.8</b>	<b>3,100.0</b>	<b>1,510.0</b>	<b>800.0</b>	-	<b>14,140.8</b>	-	<b>35,916.4</b>

## Environmental Management

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<b>Broadway-Pantano Remediation Site</b> <b>Description:</b> Design and construct an interim groundwater containment system to control a two-mile long contamination plume, and modify a landfill soil vapor extraction system as needed to reduce the source of contamination from the Broadway-Pantano Landfill.									<b>Project ID:</b> U315 <b>Start Date:</b> 7/95 <b>End Date:</b> 6/06 <b>Location:</b> Ward 2		
<b>Justification:</b> This project is a mandated Arizona Department of Environmental Quality State Superfund Site designed to remediate groundwater contamination.											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 General Obligation Bond Funds	2,175.5	-	-	-	-	-	-	-	-	-	2,175.5
1994 General Obligation Bond Funds - Interest	29.5	-	-	-	-	-	-	-	-	-	29.5
2000 General Obligation Bond Funds	2,850.0	-	989.0	989.0	485.0	210.0	-	-	1,684.0	-	4,534.0
Capital Agreement Fund	2,678.8	-	921.2	921.2	-	-	-	-	921.2	-	3,600.0
Capital Agreement Fund: Pima County Contribution	356.3	-	43.7	43.7	-	-	-	-	43.7	-	400.0
General Fund	110.1	-	-	-	-	-	-	-	-	-	110.1
Total	8,200.2	-	1,953.9	1,953.9	485.0	210.0	-	-	2,648.9	-	10,849.1

<b>City Landfill Groundwater Investigations</b> <b>Description:</b> Characterize and assess potential soil and groundwater impacts at the city's 23 landfills; remediation of contaminated sites will be done as required.									<b>Project ID:</b> U116 <b>Start Date:</b> 1/97 <b>End Date:</b> 6/07 <b>Location:</b> Citywide		
<b>Justification:</b> Mayor and Council requested an assessment to identify potential groundwater contamination from city landfills.											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 General Obligation Bond Funds	75.8	-	-	-	-	-	-	-	-	-	75.8
General Fund	167.4	-	-	-	-	-	-	-	-	-	167.4
General Fund: Mandate Reserves	784.8	242.0	290.0	532.0	-	-	-	-	532.0	-	1,316.8
Unfunded	-	-	-	-	300.0	300.0	300.0	-	900.0	-	900.0
Total	1,028.0	242.0	290.0	532.0	300.0	300.0	300.0	-	1,432.0	-	2,460.0

## Environmental Management

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<b>Cottonwood Landfill Project</b>									<b>Project ID:</b> U318			
<b>Description:</b> Complete a landfill assessment of soil and groundwater contamination. If necessary, construct an air injection extraction system to mitigate environmental impacts.									<b>Start Date:</b> 7/03			
									<b>End Date:</b> 6/07			
									<b>Location:</b> Ward 1			
<b>Justification:</b> This project is necessary to determine potential groundwater contamination of this closed landfill.												
<b>Source of Funds:</b>		<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
			<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 General Obligation Bond Funds		-	270.0	200.0	470.0	100.0	-	-	-	570.0	-	570.0
Unfunded		-	-	-	-	300.0	200.0	100.0	-	600.0	-	600.0
Total		-	270.0	200.0	470.0	400.0	200.0	100.0	-	1,170.0	-	1,170.0

<b>Harrison Landfill Groundwater Remediation</b>									<b>Project ID:</b> U316			
<b>Description:</b> Design and construct a groundwater treatment system to control a volatile organic compound groundwater plume that extends northwest from the Harrison Landfill, and modify an existing soil vapor extraction system as needed.									<b>Start Date:</b> 7/95			
									<b>End Date:</b> 6/07			
									<b>Location:</b> Ward 4			
<b>Justification:</b> This project is mandated by a corrective action plan with the Arizona Department of Environmental Quality Solid Waste Program.												
<b>Source of Funds:</b>		<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
			<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
1994 General Obligation Bond Funds		1,260.3	-	-	-	-	-	-	-	-	-	1,260.3
1994 General Obligation Bond Funds - Interest		296.9	-	-	-	-	-	-	-	-	-	296.9
2000 General Obligation Bond Funds		243.0	117.0	40.0	157.0	71.0	-	-	-	228.0	-	471.0
General Fund		204.6	-	-	-	-	-	-	-	-	-	204.6
Unfunded		-	-	-	-	29.0	100.0	100.0	-	229.0	-	229.0
Total		2,004.8	117.0	40.0	157.0	100.0	100.0	100.0	-	457.0	-	2,461.8

## Environmental Management

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<b>Los Reales Landfill Groundwater Remediation</b> <b>Description:</b> Expand and modify an existing groundwater pump and treat system.  <b>Justification:</b> This project is mandated by the Arizona Department of Environmental Quality State Superfund Program.										<b>Project ID:</b> U313 <b>Start Date:</b> 7/95 <b>End Date:</b> 6/06  <b>Location:</b> Ward 5		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
1994 General Obligation Bond Funds	2,332.1	-	-	-	-	-	-	-	-	-	2,332.1	
1994 General Obligation Bond Funds - Interest	527.1	-	-	-	-	-	-	-	-	-	527.1	
2000 General Obligation Bond Funds	400.0	200.0	250.0	450.0	100.0	-	-	-	550.0	-	950.0	
General Fund	244.2	-	-	-	-	-	-	-	-	-	244.2	
Unfunded	-	-	-	-	100.0	200.0	-	-	300.0	-	300.0	
<b>Total</b>	3,503.4	200.0	250.0	450.0	200.0	200.0	-	-	850.0	-	4,353.4	

<b>Los Reales Landfill Southwest Remediation</b> <b>Description:</b> Design and construct a soil vapor extraction and air injection system to remove soil and groundwater contaminants on the westside of the landfill. (This project was previously titled "Los Reales Landfill Westside Remediation".)  <b>Justification:</b> This project is mandated by the Arizona Department of Environmental Quality State Superfund Program.										<b>Project ID:</b> U300 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/06  <b>Location:</b> Ward 5		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>	
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>				
2000 General Obligation Bond Funds	150.0	-	150.0	150.0	-	-	-	-	150.0	-	300.0	
General Fund: Mandate Reserves	300.0	450.0	-	450.0	-	-	-	-	450.0	-	750.0	
Unfunded	-	-	-	-	150.0	150.0	-	-	300.0	-	300.0	
<b>Total</b>	450.0	450.0	150.0	600.0	150.0	150.0	-	-	900.0	-	1,350.0	

# Environmental Management

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<b>Price Service Center Remediation</b> <b>Description:</b> Expand the soil and groundwater remediation systems at Price Service Center.									<b>Project ID:</b> U101 <b>Start Date:</b> 7/92 <b>End Date:</b> 6/07  <b>Location:</b> Ward 5		
<b>Justification:</b> This project is mandated by a corrective action plan with the Arizona Department of Environmental Quality Underground Storage Tank Program.											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 General Obligation Bond Funds	2,172.7	251.9	-	251.9	99.0	-	-	-	350.9	-	2,523.6
1994 General Obligation Bond Funds - Interest	129.2	-	-	-	-	-	-	-	-	-	129.2
2000 General Obligation Bond Funds	-	370.0	-	370.0	426.0	100.0	79.0	-	975.0	-	975.0
Capital Agreement Fund	500.0	500.0	400.0	900.0	-	-	-	-	900.0	-	1,400.0
General Fund	1,496.6	-	-	-	-	-	-	-	-	-	1,496.6
Unfunded	-	-	-	-	200.0	100.0	71.0	-	371.0	-	371.0
Total	4,298.5	1,121.9	400.0	1,521.9	725.0	200.0	150.0	-	2,596.9	-	6,895.4

<b>Prudence Landfill Vadose Zone Remediation</b> <b>Description:</b> Complete a landfill assessment, and construct a remediation system to remove contaminant sources.  <b>Justification:</b> This remediation project is necessary to prevent groundwater contamination.									<b>Project ID:</b> U317 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/05  <b>Location:</b> Ward 2		
<b>Source of Funds:</b>	<b>Prior Year(s)</b>	<b>Adopted Fiscal Year 2004</b>			<b>Projected Requirements</b>				<b>Five Year Total</b>	<b>Future Years</b>	<b>Total Project</b>
		<b>Carry Forward</b>	<b>New Funding</b>	<b>Year 1 Total</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>			
2000 General Obligation Bond Funds	50.0	860.0	-	860.0	190.0	-	-	-	1,050.0	-	1,100.0
<b>Total</b>	50.0	860.0	-	860.0	190.0	-	-	-	1,050.0	-	1,100.0

## Environmental Management

(\$000)

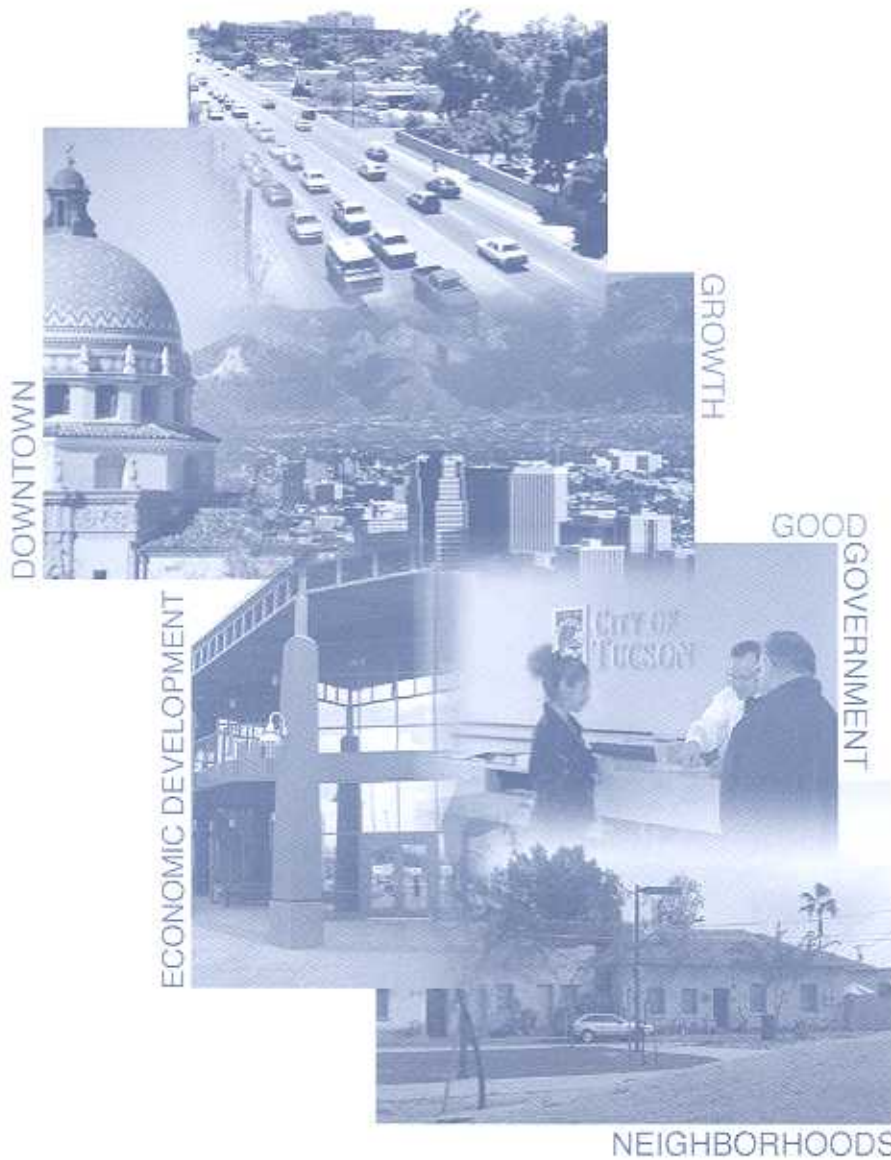
<b>Silverbell Jail Annex Landfill</b> <b>Description:</b> Design and construct a groundwater remediation system to remove source contaminants.  <b>Justification:</b> This project is mandated by the Arizona Department of Environmental Quality State Superfund Program.									<b>Project ID:</b> U314 <b>Start Date:</b> 7/95 <b>End Date:</b> 6/05 <b>Location:</b> Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1994 General Obligation Bond Funds	2,119.1	-	-	-	-	-	-	-	-	-	2,119.1
1994 General Obligation Bond Funds - Interest	37.7	-	-	-	-	-	-	-	-	-	37.7
2000 General Obligation Bond Funds	-	500.0	500.0	1,000.0	400.0	-	-	-	1,400.0	-	1,400.0
<b>Total</b>	2,156.8	500.0	500.0	1,000.0	400.0	-	-	-	1,400.0	-	3,556.8

<b>Tumamoc Landfill Soil/Groundwater Assessment</b> <b>Description:</b> Investigate soil and groundwater conditions, including a geophysical investigation and installation of additional groundwater monitoring wells. Construction of a deep soil vapor extraction and air injection system may be required.  <b>Justification:</b> This project is necessary to identify potential groundwater contamination.									<b>Project ID:</b> U301 <b>Start Date:</b> 7/02 <b>End Date:</b> 6/07 <b>Location:</b> Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
General Fund: Mandate Reserves	84.0	166.0	1,020.0	1,186.0	-	-	-	-	1,186.0	-	1,270.0
Unfunded	-	-	-	-	150.0	150.0	150.0	-	450.0	-	450.0
<b>Total</b>	84.0	166.0	1,020.0	1,186.0	150.0	150.0	150.0	-	1,636.0	-	1,720.0



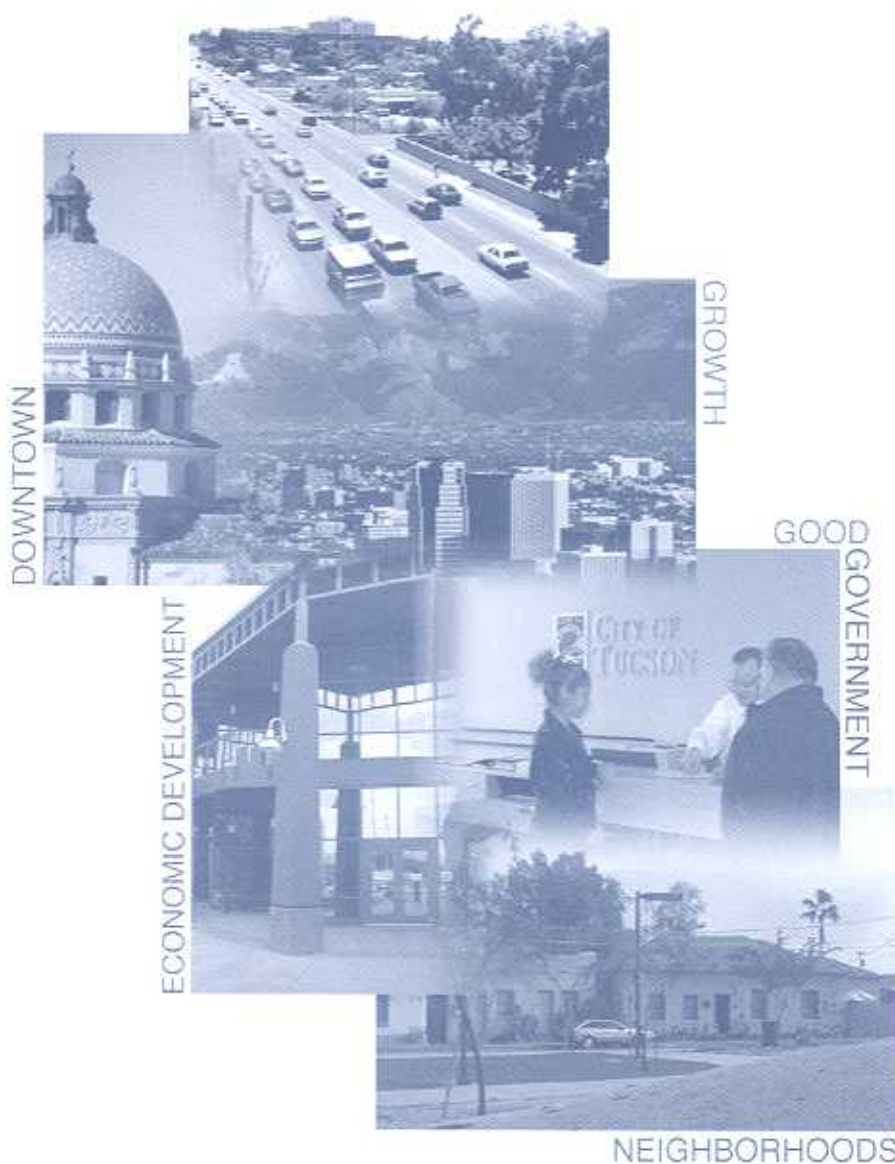
# Strategic Initiatives

## TRANSPORTATION



# Tucson Convention Center

TRANSPORTATION



## **Capital Improvement Program Department Statement**

**FY 2004 through FY 2008**

**Department:** Tucson Convention Center

**Five Year Total:** \$ 1,366,000

The Tucson Convention Center (TCC) is in need of continual capital improvements to become and remain competitive and viable in the convention, trade show, and entertainment market. There are two fully funded projects totaling \$1.4 million in this five-year capital improvement program (CIP). In prior years these capital projects were included in the CIP, but unfunded.

Not included in TCC's CIP are facility improvements that will be accomplished with Rio Nuevo Multipurpose Facilities District Funds.

## Tucson Convention Center

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Extendable Arena Seating Replacement</b> Convention Center Fund: Restricted Fees	-	-	-	-	-	-	-	820.0	<b>820.0</b>	-	820.0
	-	-	-	-	-	-	-	<b>820.0</b>	<b>820.0</b>	-	<b>820.0</b>
<b>Modernization of Music Hall Lighting</b> Convention Center Fund: Restricted Fees	-	-	-	-	-	-	-	546.0	<b>546.0</b>	-	546.0
	-	-	-	-	-	-	-	<b>546.0</b>	<b>546.0</b>	-	<b>546.0</b>
<b>Department Total</b>	-	-	-	-	-	-	-	<b>1,366.0</b>	<b>1,366.0</b>	-	<b>1,366.0</b>
<b>Source of Funds Summary</b>											
Convention Center Fund: Restricted Fees	-	-	-	-	-	-	-	1,366.0	<b>1,366.0</b>	-	1,366.0
<b>Department Total</b>	-	-	-	-	-	-	-	<b>1,366.0</b>	<b>1,366.0</b>	-	<b>1,366.0</b>

## Tucson Convention Center

(S000)

<b>Extendable Arena Seating Replacement</b> <b>Description:</b> Replace the current bleachers.  <b>Justification:</b> The current bleachers are fifteen years old and replacement parts are no longer available. New bleachers will provide for better patron comfort and will require less labor to set up and tear down, thereby reducing operating expenses.									<b>Project ID:</b> T110 <b>Start Date:</b> 7/07 <b>End Date:</b> 6/08 <b>Location:</b> Ward 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Convention Center Fund: Restricted Fees	-	-	-	-	-	-	-	820.0	820.0	-	820.0
<b>Total</b>	-	-	-	-	-	-	-	820.0	820.0	-	820.0

<b>Modernization of Music Hall Lighting</b> <b>Description:</b> Upgrade the lighting in the Music Hall.  <b>Justification:</b> The existing lighting is approximately 30 years old and must be updated to create the high quality performance lighting that is needed to remain competitive.									<b>Project ID:</b> T109 <b>Start Date:</b> 7/07 <b>End Date:</b> 6/08 <b>Location:</b> Ward 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Convention Center Fund: Restricted Fees	-	-	-	-	-	-	-	546.0	546.0	-	546.0
<b>Total</b>	-	-	-	-	-	-	-	546.0	546.0	-	546.0



# Support Services

TRANSPORTATION



DOWNTOWN



GROWTH



GOOD  
GOVERNMENT



ECONOMIC DEVELOPMENT



NEIGHBORHOODS





# Operations

TRANSPORTATION



DOWNTOWN



GROWTH

ECONOMIC DEVELOPMENT



GOOD GOVERNMENT



NEIGHBORHOODS





# Capital Improvement Program Department Statement

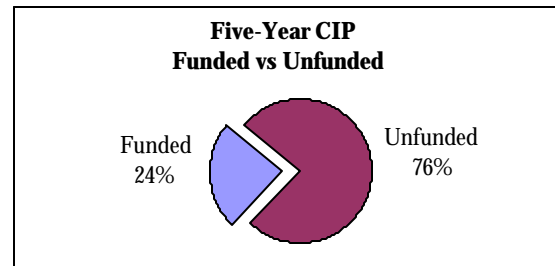
**FY 2004 through FY 2008**

**Department:** Operations

**Five-Year Total:** \$ 131,492,300

The Department of Operations' Five-Year Capital Improvement Program addresses public safety communication needs and provides a high level of support to city departments.

This five-year program of \$131 million is 24% funded and 76% unfunded. Funding of \$30.9 million is available from \$30.0 million in certificates of participation and \$0.9 million from the General Fund. The remaining \$100.6 million is unfunded.



Funded projects include the following:

- Americans with Disabilities Act (ADA) modifications to parks facilities

Partially funded projects include the following:

- Emergency Communications System and Facility

Unfunded projects include the following:

- Northwest Multi-Service Facility
- Southeast Multi-Service Facility

## Operations

### Five-Year Capital Improvement Program

(\$000)

Program Area	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Operations - Buildings and Equipment	676.4	670.0	5,121.6	<b>5,791.6</b>	7,975.0	6,905.3	36,484.3	74,199.3	<b>131,355.5</b>	7,378.9	<b>139,410.8</b>
Operations - Americans with Disabilities Act	3,207.5	136.8	-	<b>136.8</b>	-	-	-	-	<b>136.8</b>	-	<b>3,344.3</b>
<b>Department Total</b>	<b>3,883.9</b>	<b>806.8</b>	<b>5,121.6</b>	<b>5,928.4</b>	<b>7,975.0</b>	<b>6,905.3</b>	<b>36,484.3</b>	<b>74,199.3</b>	<b>131,492.3</b>	<b>7,378.9</b>	<b>142,755.1</b>

<b>Source of Funds Summary</b>											
1984 General Obligation Bond Funds	226.0	-	-	-	-	-	-	-	-	-	226.0
General Fund	3,657.9	806.8	124.4	<b>931.2</b>	-	-	-	-	<b>931.2</b>	-	4,589.1
General Fund: Certificates of Participation	-	-	4,997.2	<b>4,997.2</b>	7,975.0	3,197.3	7,423.8	6,406.7	<b>30,000.0</b>	-	30,000.0
Unfunded	-	-	-	-	-	3,708.0	29,060.5	67,792.6	<b>100,561.1</b>	7,378.9	107,940.0
<b>Department Total</b>	<b>3,883.9</b>	<b>806.8</b>	<b>5,121.6</b>	<b>5,928.4</b>	<b>7,975.0</b>	<b>6,905.3</b>	<b>36,484.3</b>	<b>74,199.3</b>	<b>131,492.3</b>	<b>7,378.9</b>	<b>142,755.1</b>

## Operations - Buildings and Equipment

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Emergency Communications System and Facility</b>											
1984 General Obligation Bond Funds	164.8	-	-	-	-	-	-	-	-	-	164.8
General Fund	511.6	670.0	124.4	<b>794.4</b>	-	-	-	-	<b>794.4</b>	-	1,306.0
General Fund: Certificates of Participation	-	-	4,997.2	<b>4,997.2</b>	7,975.0	3,197.3	7,423.8	6,406.7	<b>30,000.0</b>	-	30,000.0
Unfunded	-	-	-	-	-	-	26,914.1	55,492.3	<b>82,406.4</b>	-	82,406.4
	<b>676.4</b>	<b>670.0</b>	<b>5,121.6</b>	<b>5,791.6</b>	<b>7,975.0</b>	<b>3,197.3</b>	<b>34,337.9</b>	<b>61,899.0</b>	<b>113,200.8</b>	-	<b>113,877.2</b>
<b>Northwest Multi-Service Facility</b>											
Unfunded	-	-	-	-	-	1,854.0	1,073.2	6,150.1	<b>9,077.3</b>	3,689.5	12,766.8
	-	-	-	-	-	<b>1,854.0</b>	<b>1,073.2</b>	<b>6,150.1</b>	<b>9,077.3</b>	<b>3,689.5</b>	<b>12,766.8</b>
<b>Southeast Multi-Service Facility</b>											
Unfunded	-	-	-	-	-	1,854.0	1,073.2	6,150.2	<b>9,077.4</b>	3,689.4	12,766.8
	-	-	-	-	-	<b>1,854.0</b>	<b>1,073.2</b>	<b>6,150.2</b>	<b>9,077.4</b>	<b>3,689.4</b>	<b>12,766.8</b>
<b>Program Area Total</b>	<b>676.4</b>	<b>670.0</b>	<b>5,121.6</b>	<b>5,791.6</b>	<b>7,975.0</b>	<b>6,905.3</b>	<b>36,484.3</b>	<b>74,199.3</b>	<b>131,355.5</b>	<b>7,378.9</b>	<b>139,410.8</b>
<b>Source of Funds Summary</b>											
1984 General Obligation Bond Funds	164.8	-	-	-	-	-	-	-	-	-	164.8
General Fund	511.6	670.0	124.4	<b>794.4</b>	-	-	-	-	<b>794.4</b>	-	1,306.0
General Fund: Certificates of Participation	-	-	4,997.2	<b>4,997.2</b>	7,975.0	3,197.3	7,423.8	6,406.7	<b>30,000.0</b>	-	30,000.0
General Fund: Debt Financing	-	-	-	-	-	-	-	-	-	-	-
Unfunded	-	-	-	-	-	3,708.0	29,060.5	67,792.6	<b>100,561.1</b>	7,378.9	107,940.0
<b>Program Area Total</b>	<b>676.4</b>	<b>670.0</b>	<b>5,121.6</b>	<b>5,791.6</b>	<b>7,975.0</b>	<b>6,905.3</b>	<b>36,484.3</b>	<b>74,199.3</b>	<b>131,355.5</b>	<b>7,378.9</b>	<b>139,410.8</b>

## Operations - Buildings and Equipment

(\$000)

### Emergency Communications System and Facility

#### Description:

Replace the city's current voice radio system by designing, constructing, and equipping a new emergency radio communications system and dispatch center. In Fiscal Years 2004 and 2005, a digital microwave network and new Fire Department mobile data system will be installed, and development will begin on a communications facility for the southeast area. In Fiscal Years 2006 and 2007, a digital radio system will be installed, and development will begin on a new communications dispatch center. No land acquisition has been included in the project cost.

#### Justification:

The existing radio system is 21 years old and needs replacement to ensure reliable communications for police and fire field personnel. Many existing components can no longer be repaired or replaced in the event of failure. In addition, new radio frequencies for system upgrade and expansion require the purchase of new equipment.

**Project ID:** B801

**Start Date:** 7/99

**End Date:** 6/08

**Location:** Citywide

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1984 General Obligation Bond Funds	164.8	-	-	-	-	-	-	-	-	-	164.8
General Fund	511.6	670.0	124.4	794.4	-	-	-	-	794.4	-	1,306.0
General Fund: Certificates of Participation	-	-	4,997.2	4,997.2	7,975.0	3,197.3	7,423.8	6,406.7	30,000.0	-	30,000.0
Unfunded	-	-	-	-	-	-	26,914.1	55,492.3	82,406.4	-	82,406.4
<b>Total</b>	676.4	670.0	5,121.6	5,791.6	7,975.0	3,197.3	34,337.9	61,899.0	113,200.8	-	113,877.2

### Northwest Multi-Service Facility

#### Description:

Design and construct a 45,000 square foot multi-service facility in the city's northwest area. The project will include a 20,000 square foot fleet maintenance facility, 20,000 square feet of office space, a fueling facility, and a wash rack.

#### Justification:

Locating a service facility in the northwest area of the city will reduce travel time and vehicle usage for field departments. A reduction in vehicle usage provides savings in fuel and maintenance. Reduced travel times will improve the efficiency of service provided by field personnel.

**Project ID:** B004

**Start Date:** 7/05

**End Date:** 6/09

**Location:** Ward 1

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
Unfunded	-	-	-	-	-	1,854.0	1,073.2	6,150.1	9,077.3	3,689.5	12,766.8
<b>Total</b>	-	-	-	-	-	1,854.0	1,073.2	6,150.1	9,077.3	3,689.5	12,766.8

## Operations - Buildings and Equipment

(\$000)

<b>Southeast Multi-Service Facility</b>										<b>Project ID:</b> B527		
<b>Description:</b> Design and construct a 45,000 square foot multi-service facility in the city's southeast area. The project will include a 20,000 square foot fleet maintenance facility, 20,000 square feet of office space, a fueling facility, and a wash rack.										<b>Start Date:</b> 7/05		
										<b>End Date:</b> 6/09		
										<b>Location:</b> Ward 4		
<b>Justification:</b> Locating a service facility in the southeast area of the city, which is expected to grow significantly over the next 10-20 years, will reduce travel time and vehicle usage for field departments. A reduction in vehicle usage provides savings in fuel and maintenance. Reduced travel times will improve the efficiency of service provided by field personnel.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008				
Unfunded	-	-	-	-	-	1,854.0	1,073.2	6,150.2	9,077.4	3,689.4	12,766.8	
Total	-	-	-	-	-	1,854.0	1,073.2	6,150.2	9,077.4	3,689.4	12,766.8	

## Operations - Americans with Disabilities Act

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>ADA Modifications to Parks</b>											
1984 General Obligation Bond Funds	61.2	-	-	-	-	-	-	-	-	-	61.2
General Fund	3,146.3	136.8	-	<b>136.8</b>	-	-	-	-	<b>136.8</b>	-	3,283.1
	<b>3,207.5</b>	<b>136.8</b>	-	<b>136.8</b>	-	-	-	-	<b>136.8</b>	-	<b>3,344.3</b>
<b>Program Area Total</b>	<b>3,207.5</b>	<b>136.8</b>	-	<b>136.8</b>	-	-	-	-	<b>136.8</b>	-	<b>3,344.3</b>
<b>Source of Funds Summary</b>											
1984 General Obligation Bond Funds	61.2	-	-	-	-	-	-	-	-	-	61.2
General Fund	3,146.3	136.8	-	<b>136.8</b>	-	-	-	-	<b>136.8</b>	-	3,283.1
<b>Program Area Total</b>	<b>3,207.5</b>	<b>136.8</b>	-	<b>136.8</b>	-	-	-	-	<b>136.8</b>	-	<b>3,344.3</b>

## Operations - Americans with Disabilities Act

(S000)

<b>ADA Modifications to Parks</b> <b>Description:</b> Install handicap parking and accessible pathways in outdoor areas, modify or install new accessible comfort stations, and provide wheelchair accessibility to water fountains, picnic areas, and play areas.  <b>Justification:</b> American with Disabilities Act (ADA) modifications are federally mandated.										<b>Project ID:</b> TAR4 <b>Start Date:</b> 7/95 <b>End Date:</b> 6/04 <b>Location:</b> Citywide	
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1984 General Obligation Bond Funds	61.2	-	-	-	-	-	-	-	-	-	61.2
General Fund	3,146.3	136.8	-	136.8	-	-	-	-	136.8	-	3,283.1
<b>Total</b>	3,207.5	136.8	-	136.8	-	-	-	-	136.8	-	3,344.3





# Non-Departmental

TRANSPORTATION



DOWNTOWN

GROWTH

ECONOMIC DEVELOPMENT



GOOD GOVERNMENT

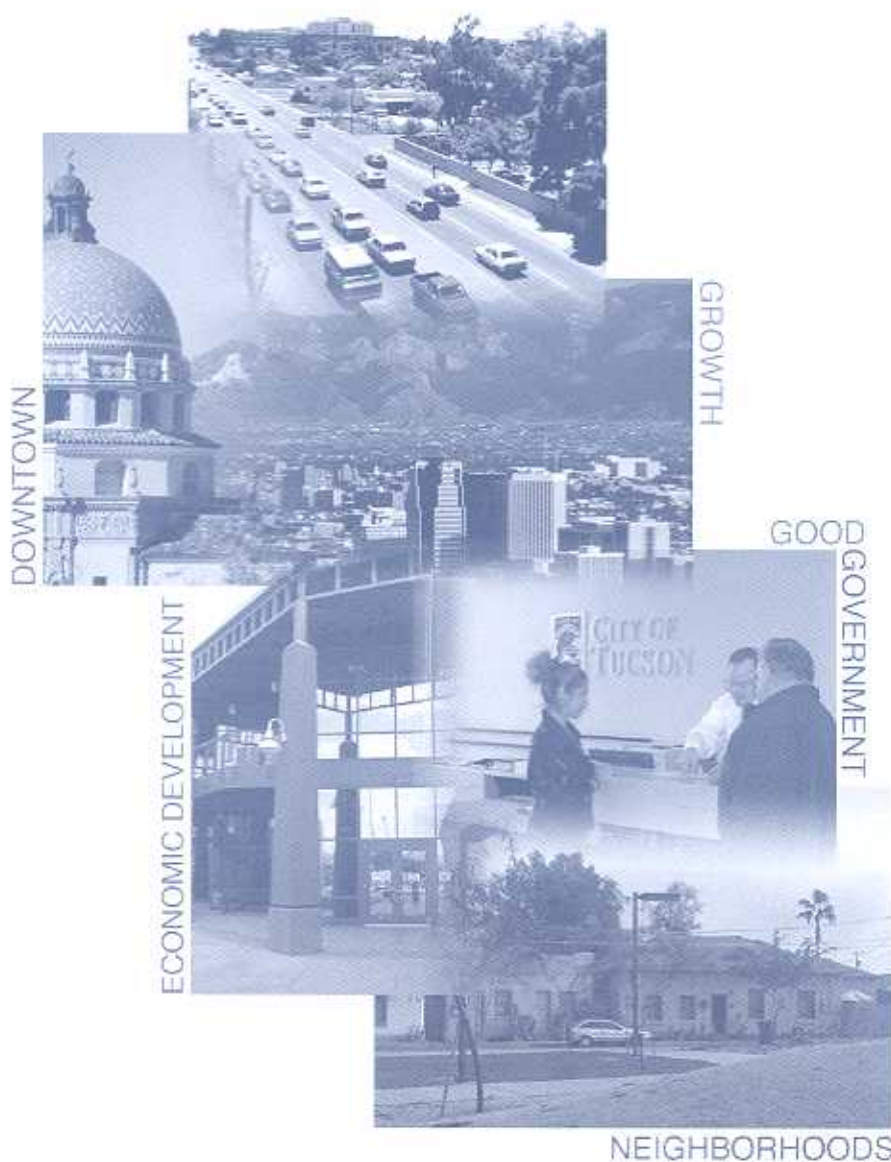


NEIGHBORHOODS



# General Expense

TRANSPORTATION



## **Capital Improvement Program Department Statement**

**FY 2004 through FY 2008**

**Department:** General Expense

**Five-Year Total:** \$ 26,297,400

The General Expense Capital Improvement Program (CIP) of \$26.3 million includes funding for five projects: City Hall Annex Parking Garage, Midtown Multipurpose Facility, Renovation or Relocation of Council Chambers, the Starr Pass parking garage, and Web-Based Financial and Human Resources Systems. These projects are fully funded from Certificates of Participation (65%), Restricted Trust Reserves (25%), private sector partnership (4%), and the General Fund (6%).

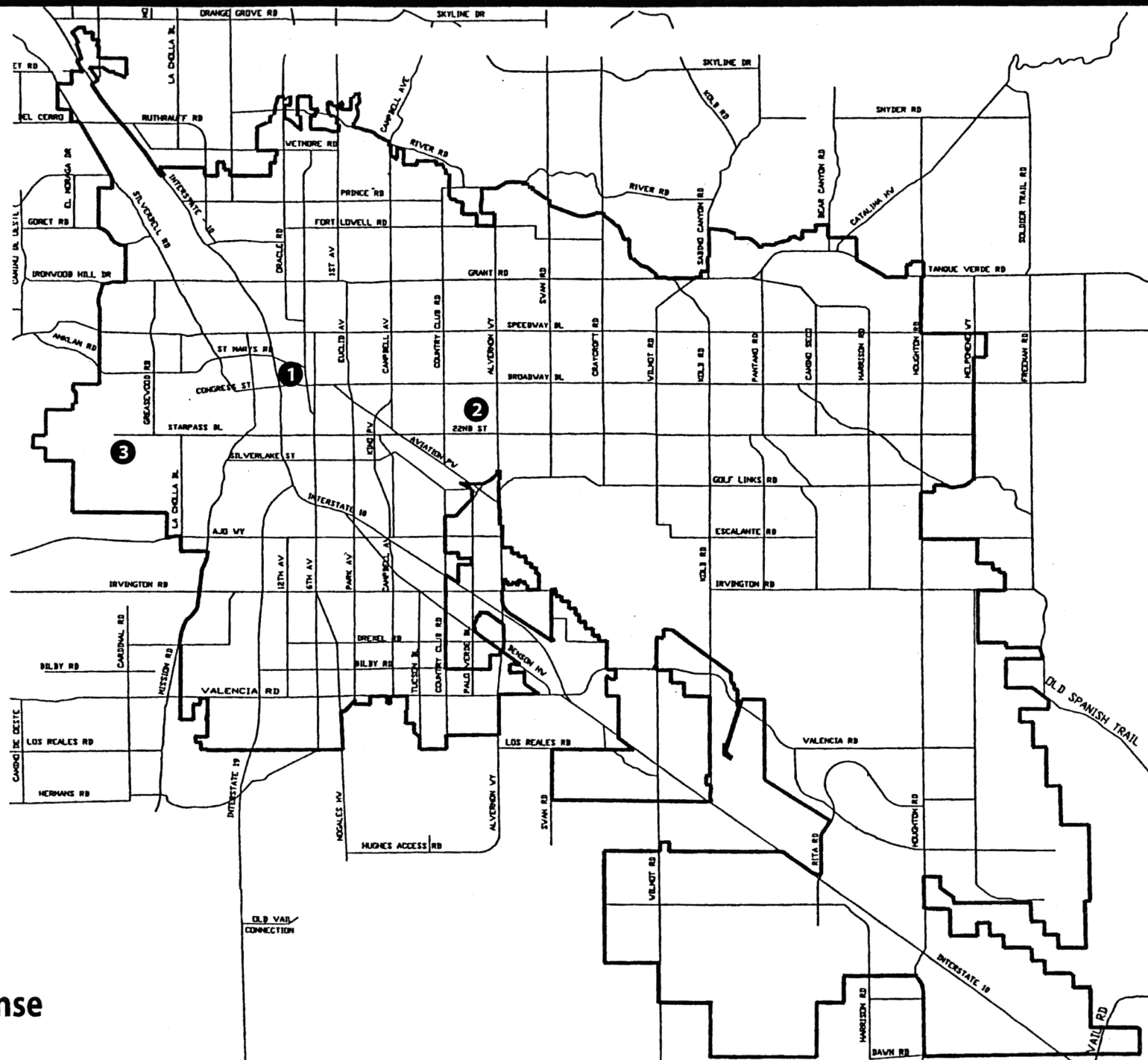
This five-year CIP has a projected impact on the operating budget of \$0.2 million in Fiscal Year 2004, increasing to \$0.4 million in Fiscal Year 2008. See the following page for the impact by project and funding source.

## General Expense: CIP Impact on the Operating Budget

When the following projects are completed, they will require funding for annual operations. The estimated impact of these projects on the operating budget over the next five years is shown in the table below.

(\$000)

<b>Project Name</b>	<b>Year 1 FY 2004</b>	<b>Year 2 FY 2005</b>	<b>Year 3 FY 2006</b>	<b>Year 4 FY 2007</b>	<b>Year 5 FY 2008</b>	<b>Five Year Total</b>
City Hall Annex Parking Garage	-	-	34.2	35.2	36.2	<b>105.6</b>
Midtown Multipurpose Facility	170.0	351.0	361.5	372.4	383.6	<b>1,638.5</b>
<b>Total</b>	<b>170.0</b>	<b>351.0</b>	<b>395.7</b>	<b>407.6</b>	<b>419.8</b>	<b>1,744.1</b>
<b>Source of Funds Summary</b>						
General Fund	170.0	351.0	361.5	372.4	383.6	<b>1,638.5</b>
General Fund: TEAM Fees and Charges	-	-	34.2	35.2	36.2	<b>105.6</b>
<b>Total</b>	<b>170.0</b>	<b>351.0</b>	<b>395.7</b>	<b>407.6</b>	<b>419.8</b>	<b>1,744.1</b>



General Expense

**Map Legend**  
**General Expense**

Project Name

Year to be  
Completed

Project Name

Year to be  
Completed

1. City Hall Annex Parking Garage

FY 2005

3. Starr Pass Parking Garage

FY 2004

2. Midtown Multipurpose Facility

FY 2004

## General Expense

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>City Hall Annex Parking Garage</b>											
General Fund: Certificates of Participation	-	-	3,000.0	<b>3,000.0</b>	3,000.0	-	-	-	<b>6,000.0</b>	-	6,000.0
General Fund: Restricted	-	-	1,000.0	<b>1,000.0</b>	-	-	-	-	<b>1,000.0</b>	-	1,000.0
	-	-	<b>4,000.0</b>	<b>4,000.0</b>	<b>3,000.0</b>	-	-	-	<b>7,000.0</b>	-	<b>7,000.0</b>
<b>Midtown Multipurpose Facility</b>											
1965 and 1973 General Obligation Bond Funds	1,865.0	-	-	-	-	-	-	-	-	-	1,865.0
General Fund	50.0	-	-	-	-	-	-	-	-	-	50.0
General Fund: Certificates of Participation	380.0	3,242.9	957.4	<b>4,200.3</b>	-	-	-	-	<b>4,200.3</b>	-	4,580.3
General Fund: Restricted Trust Reserves	-	6,650.0	-	<b>6,650.0</b>	-	-	-	-	<b>6,650.0</b>	-	6,650.0
	<b>2,295.0</b>	<b>9,892.9</b>	<b>957.4</b>	<b>10,850.3</b>	-	-	-	-	<b>10,850.3</b>	-	<b>13,145.3</b>
<b>Renovation or Relocation of Council Chambers</b>											
General Fund: Certificates of Participation	22.9	-	-	-	3,797.1	-	-	-	<b>3,797.1</b>	-	3,820.0
	<b>22.9</b>	-	-	-	<b>3,797.1</b>	-	-	-	<b>3,797.1</b>	-	<b>3,820.0</b>
<b>Starr Pass Parking Garage</b>											
General Fund: Certificates of Participation	-	1,000.0	2,000.0	<b>3,000.0</b>	-	-	-	-	<b>3,000.0</b>	-	3,000.0
	-	<b>1,000.0</b>	<b>2,000.0</b>	<b>3,000.0</b>	-	-	-	-	<b>3,000.0</b>	-	<b>3,000.0</b>

## General Expense

### Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
<b>Web-Based Financial and Human Resource Systems</b>											
General Fund	-	-	850.0	<b>850.0</b>	800.0	-	-	-	<b>1,650.0</b>	-	1,650.0
General Fund: Certificates of Participation	200.8	-	-	-	-	-	-	-	-	-	200.8
	<b>200.8</b>	-	<b>850.0</b>	<b>850.0</b>	<b>800.0</b>	-	-	-	<b>1,650.0</b>	-	<b>1,850.8</b>
<b>Department Total</b>	<b>2,518.7</b>	<b>10,892.9</b>	<b>7,807.4</b>	<b>18,700.3</b>	<b>7,597.1</b>	-	-	-	<b>26,297.4</b>	-	<b>28,816.1</b>
<b>Source of Funds Summary</b>											
1965 and 1973 General Obligation Bond Funds	1,865.0	-	-	-	-	-	-	-	-	-	1,865.0
General Fund	50.0	-	850.0	<b>850.0</b>	800.0	-	-	-	<b>1,650.0</b>	-	1,700.0
General Fund: Certificates of Participation	603.7	4,242.9	5,957.4	<b>10,200.3</b>	6,797.1	-	-	-	<b>16,997.4</b>	-	17,601.1
General Fund: Restricted	-	-	1,000.0	<b>1,000.0</b>	-	-	-	-	<b>1,000.0</b>	-	1,000.0
General Fund: Restricted Trust Reserves	-	6,650.0	-	<b>6,650.0</b>	-	-	-	-	<b>6,650.0</b>	-	6,650.0
<b>Department Total</b>	<b>2,518.7</b>	<b>10,892.9</b>	<b>7,807.4</b>	<b>18,700.3</b>	<b>7,597.1</b>	-	-	-	<b>26,297.4</b>	-	<b>28,816.1</b>



## General Expense

(\$000)

<b>City Hall Annex Parking Garage</b> <b>Description:</b> Demolish the existing facility, and at this site build a 570 space parking garage. The new facility will be co-developed with a private company, but remain a city asset. The private sector partner will contribute the initial capital of \$1 million and will retain the rights to 320 parking spaces. The city will retain the rights to 250 parking spaces. The debt service on the certificates of participation will be paid back through a market rate leaseback to the city for the private sector partner's spaces and rental revenue from the city's spaces. <b>Justification:</b> This project is in conformance with the Intermodal Center Master Plan adopted by the Mayor and Council. Safe, secure, and strategically located parking was identified as a key element to the downtown revitalization effort.									<b>Project ID:</b> N107 <b>Start Date:</b> 1/04 <b>End Date:</b> 6/05  <b>Location:</b> Ward 6 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
General Fund: Certificates of Participation	-	-	3,000.0	3,000.0	3,000.0	-	-	-	6,000.0	-	6,000.0
General Fund: Restricted	-	-	1,000.0	1,000.0	-	-	-	-	1,000.0	-	1,000.0
<b>Total</b>	-	-	4,000.0	4,000.0	3,000.0	-	-	-	7,000.0	-	7,000.0

<b>Midtown Multipurpose Facility</b> <b>Description:</b> Design and construct a new 47,000 square foot joint-use facility that will house the Midtown Police Substation and additional police functions. Space is also included for the Finance Department's cashiers, Tucson Water's backflow prevention program and a customer service representative, and a public meeting room. <b>Justification:</b> The Midtown Police Substation has outgrown its present location, and police functions such as public fingerprinting services and SWAT (Special Weapons and Tactical) currently housed at Headquarters need to be more centrally located.									<b>Project ID:</b> N102 <b>Start Date:</b> 7/99 <b>End Date:</b> 12/03  <b>Location:</b> Ward 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
1965 and 1973 General Obligation Bond Funds	1,865.0	-	-	-	-	-	-	-	-	-	1,865.0
General Fund	50.0	-	-	-	-	-	-	-	-	-	50.0
General Fund: Certificates of Participation	380.0	3,242.9	957.4	4,200.3	-	-	-	-	4,200.3	-	4,580.3
General Fund: Restricted Trust Reserves	-	6,650.0	-	6,650.0	-	-	-	-	6,650.0	-	6,650.0
<b>Total</b>	2,295.0	9,892.9	957.4	10,850.3	-	-	-	-	10,850.3	-	13,145.3

## General Expense

(S000)

<b>Renovation or Relocation of Council Chambers</b> <b>Description:</b> Expand, renovate, or relocate the Mayor and Council chambers. Modifications may be made to the space currently occupied by the Finance Department's Revenue Investigations Section and the Procurement Department's Architects and Engineering Contracts Division. Relocation of the chambers will also be considered.  <b>Justification:</b> The Mayor and Council chambers need to be upgraded to meet changing needs, including audio-visual capabilities and new seating areas for the public, the media, and staff.									<b>Project ID:</b> N103 <b>Start Date:</b> 7/01 <b>End Date:</b> 6/05  <b>Location:</b> Ward 1 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
General Fund: Certificates of Participation	22.9	-	-	-	3,797.1	-	-	-	3,797.1	-	3,820.0
<b>Total</b>	22.9	-	-	-	3,797.1	-	-	-	3,797.1	-	3,820.0

<b>Starr Pass Parking Garage</b> <b>Description:</b> Acquire a parking garage from the Starr Pass developer.  <b>Justification:</b> As part of an annexation agreement, the city will acquire a parking garage built by the Starr Pass developer. The Starr Pass developer will then lease back the garage, which will reimburse the city for financing the project over a 20-year period. The developer will assume all costs of operating and maintaining the facility.									<b>Project ID:</b> N104 <b>Start Date:</b> 7/03 <b>End Date:</b> 6/04  <b>Location:</b> Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008			
General Fund: Certificates of Participation	-	1,000.0	2,000.0	3,000.0	-	-	-	-	3,000.0	-	3,000.0
<b>Total</b>	-	1,000.0	2,000.0	3,000.0	-	-	-	-	3,000.0	-	3,000.0

## General Expense

(S000)

<b>Web-Based Financial and Human Resource Systems</b>										<b>Project ID:</b> N105		
<b>Description:</b> Upgrade the city's current financial and human resources software systems to web-based versions. Additional hardware will also be purchased as needed. The financial system will be implemented by July 1, 2004; the human resources system will be implemented by July 1, 2005.										<b>Start Date:</b> 1/03		
										<b>End Date:</b> 6/05		
										<b>Location:</b> Citywide		
<b>Justification:</b> The vendor for the city's financial and human resources systems will not support the current software versions after July 2005. The new web-based versions have functionalities that will improve end-user access to information.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2004			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2005	Year 3 FY 2006	Year 4 FY 2007	Year 5 FY 2008				
General Fund	-	-	850.0	850.0	800.0	-	-	-	1,650.0	-	1,650.0	
General Fund: Certificates of Participation	200.8	-	-	-	-	-	-	-	-	-	200.8	
Total	200.8	-	850.0	850.0	800.0	-	-	-	1,650.0	-	1,850.8	



